imagine

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Samsung Electronics Co., LTD
Head Office (Suwon Korea) 416, Maetan-3Dong, Paldal-Gu, Suwon City, Kyungki-Do, Korea 442-373
www.samsung.com

SyncMaster 931C

SyncMaster
931CW/226CW

imagine experiencing a new world of color

View the world as nature intended. The rich colors of life's limitless palette are born beautifully on the 931C/931CW/226CW's superior wide screen. Enjoy Windows Vista™ and all of your multi-media contents in an optimized format. Imagine a wider world that goes far beyond digital dreams. With an amazingly wide color gamut the visionary new 931C/931CW/226CW monitors from Samsung will deliver more colors, more speed and more style to your life. With the Samsung SyncMaster 931C/931CW/226CW, it's not hard to imagine. To learn more, please visit www.samsung.com

Color Innovation

Color Innovation as rich as your imagination

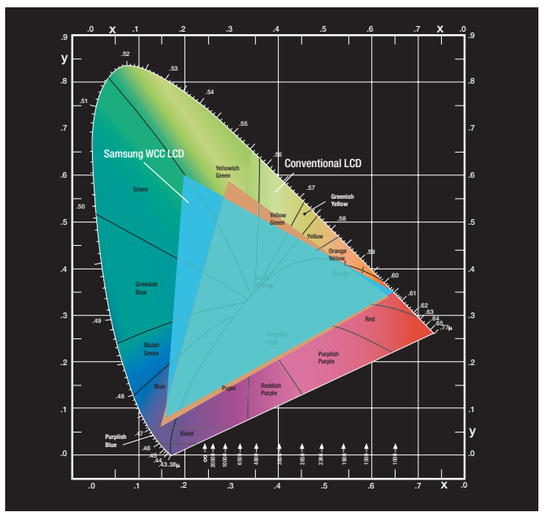
Let your imagination soar higher. With new Wide Color Gamut 97%, we've upgraded color reproduction to cater to the discerning eye whose preference is for high quality images. What you see in your mind's eye you can now see in reality.

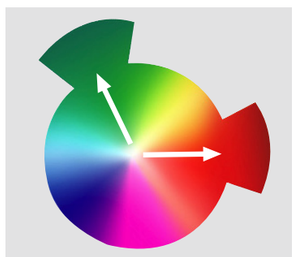
What is Wide Color Gamut 97%?

Quite simply, it means color innovation - the world's first monitor to display colors this close to the vivid reality of the natural world. Our technology uses an improved Cold Cathode Flourescent Lamp; upgrading color reproduction at a groundbreaking 97% color range. This marks an 18% improvement on the previous best color reproduction.

Wide Color Gamut 97%, better for you!

The new Samsung WCG (wide color gamut) series displays, thanks to our cutting-edge color technologies, will unleash the full power of your digital image. Their vast color space encompasses 116% relative to conventional LCD displays, up to 192% of good quality notebook LCD displays. Just take a look at the images below. They are the same image. One is seen on a conventional LCD display, and the other on a wide color Samsung 931C/931CW/226CW display. It is apparent that the advantage of wide color range shows its Conventional LCD display simulated Samsung WCG LCD display simulated elf. Viewed on the new Samsung displays, images from your digital cameras will be brought back to life again and show their vivid and true-to-nature colors, which you may never have seen on other conventional displays.So you can trust what you see on your display. When properly color-managed, they can be a professional tool for digital imaging, where accurate color display is essential. Now it is the time you be the master of color control. The secret is in its wide color space. Yes, we got plenty of room for you.





For your viewing pleasure

Unlock a world of color so vivid you won't believe your eyes. A deeper, more dimensional picture, the complete picture, the big picture. What was previously grey and flat will now be accessible as a full, rich, deep, multi-dimensional picture. The upgraded Wide Color Gamut has been extended within the red and green spectrum bringing you as close to natural color as humanly possible.

Normal Wide Color Gamut

Wide Color Gamut 97%

931C/931CW/226CW will be a perfect solution for digital camera users and internet users who view their pictures on blogs and websites, enjoying enhanced display quality. Needless to say, many multimedia users, such as gamers, movie or animation maniacs, can enjoy far more vivid displays.

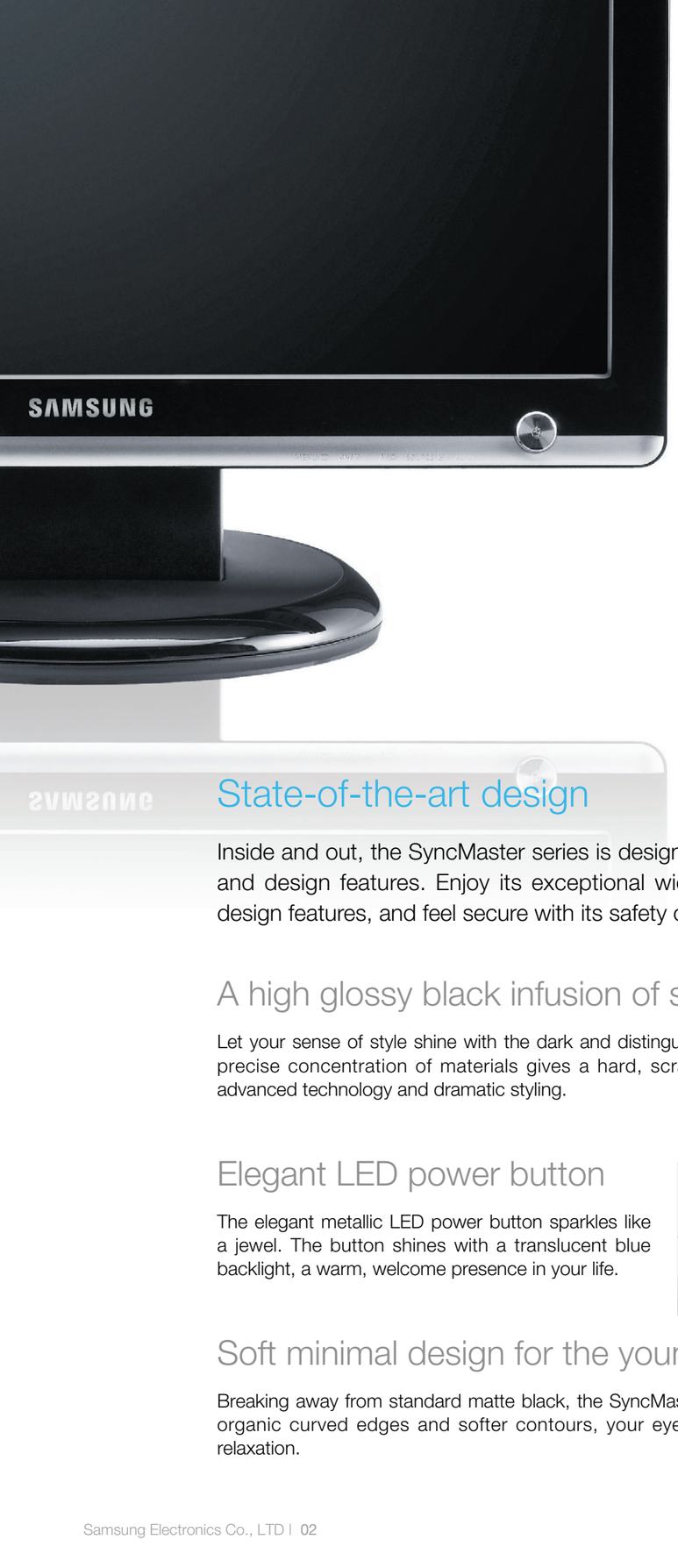
Color Innovation

Besides the basic pre-configured settings, the “Color Innovation” solution allows users to adjust color settings according to their preferences.

Brilliant
Crisp and clear picture quality

Mild
Natural and soft images

Customized
User-adjusted color, contrast and brightness.



State-of-the-art design

Inside and out, the SyncMaster series is designed with the latest technology and design features. Enjoy its exceptional wide screen, elegantly minimal design features, and feel secure with its safety certifications.

A high glossy black infusion of style

Let your sense of style shine with the dark and distinguished high glossy black finish. The precise concentration of materials gives a hard, scratch-resistant surface combining advanced technology and dramatic styling.

Elegant LED power button

The elegant metallic LED power button sparkles like a jewel. The button shines with a translucent blue backlight, a warm, welcome presence in your life.

Soft minimal design for the younger generations

Breaking away from standard matte black, the SyncMaster sets a new fashion trend. With organic curved edges and softer contours, your eyes will be treated to comfort and relaxation.

Depicts visible speed & dynamic clarity

Imagine theater quality experience combined with rich, clear images visible even during dark and dramatic scenes. With a Dynamic Contrast every outline and detail stands out of the screen. In addition, the faster response time reproduces even the most exciting scene without ghosting or blurring. The images are so realistic you will realize that you've been holding your breath your whole life!

Dynamic Contrast

Enjoy a premium viewing experience with richer, clearer images visible even when the scene is dark. With the Dynamic Contrast every detail of every image stands out on the screen.

Conventional

Samsung

MagicSpeed

Fast Response Time 2 ms

Fast image processing enables vivid precision quality on digital screens whilst viewing movies and games. The super fast response time produces exceptionally clear digital images with no after images or trace effects.

Gaming graphics without ghosting or blurring

In the past you may have felt dizzy because of ghosting, tracing or blurry images whilst playing games. RTA removes ghosting from your game screen. In doing so it delivers your games with astounding reality.

WCG WORLD CYBER GAMES

Official Monitor of World Cyber Games 2007

User friendly features with exceptional performance

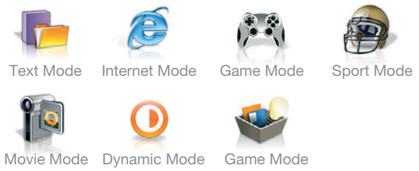
SyncMaster won't let you down, you can work in any environment. With its abundance of easy-to-use features you can take quality to whatever levels you choose.

Windows Vista™ Premium Certified

The Syncmaster 931C/931CW/226CW is certified for Windows Vista™ Premium. Its fast response time, high contrast ratio, and high glossy black bezel enable Windows Vista™ to work, and be viewed, at its optimum performance level.

MagicBright³

Providing 7 preset viewing environments: Text, Internet, Game, Sport, Movie, Dynamic Contrast and Customized; all easily accessed by the touch of a button.

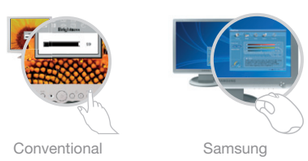


MagicTune

This software enables all of the image adjustment functions, including brightness, contrast and color level to be controlled by the simple click of a mouse.

Mouse-operated OSD control software

All display functions can now be easily controlled by a mouse.



Economical energy saving

In PC power saving mode, the monitor is automatically set to DPMS (Digital Power Management Signaling) mode to decrease power consumption to less than 1 Watt.

Wall & Arm mounting

VESA 75 mm compatible mounting maximizes functionality and usability. Arm mounting allows the most convenient installation on the desk, wall, or anywhere you like.

RoHS certification

Samsung products are safe from hazardous substances (Cd, Pb, Hg, Cr+6, PBDE and PBB) and can be disposed of in an environmentally safe manner.

Safe Mode (Down Scaling in UXGA)

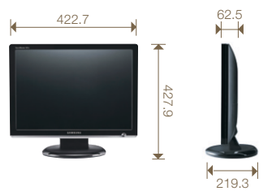
The advanced image scaling capabilities include down scaling at the large-screen resolution and a continuous zoom that allows pinpoint zooming and panning of any portion of the screen. At its maximum resolution, it is flicker-free with automatic adjustment built in.

Specification

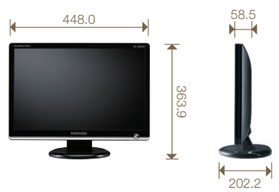
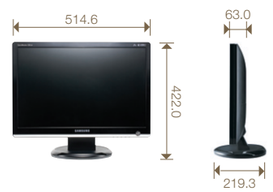
Class		SyncMaster 931C	SyncMaster 931CW	SyncMaster 226CW
Panel	Viewable area	19”	19” Wide	22” Wide
	Pixel Pitch(mm)	0.294	0.2835 * 0.2835	0.282
	Brightness(cd/x33A1)(typ)	250 cd/m²	300 cd/m²	300 cd/m²
	Contrast Ratio(typ)	DC 2000:1	DC 1600:1	DC 3000:1
	Viewing Angle(H/V)	160° / 160° (CR＞5)	160° / 160° (CR＞5)	160° / 160°
	Response Time(ms)(typ)	2 (GTG)	2 (GTG)	2 (GTG)
Frequency	Horizontal Frequency(kHz)	30~81	30~81	30~81
	Vertical Frequency(Hz)	56~75	56~75	56~75
Maximum Resolution		1280 x 1024	1440 x 900	1680 x 1050
Color Supported		16.2 Mil.	16.2 Mil.	16.7 Mil.
Signal Input	Input Video Signal	Analog RGB, DVI	Analog RGB, DVI	Analog RGB, DVI
	Sync Type	Separate H/V,	Separate H/V,	Separate H/V,
		Composite, SOG	Composite, SOG	Composite, SOG
	Input Connectors	15pin D-sub, DVI-D	15pin D-sub, DVI-D	15pin D-sub, DVI-D
Plug & Play		DDC 2B	DDC 2B	DDC 2B
USB powered hub option		N/A	N/A	N/A
Mac compatibility		O	O	O
Power	On Mode	38 Watts (Max.)	42 Watts (Max.)	50 Watts (Max.)
	DPMS Mode			
	Type	Built-in	Built-in	Built-in
Multimedia Speakers		N/A	N/A	N/A
Wall-Mount		VESA 75mm	VESA 75mm	VESA 100mm
Cabinet Color		High Glossy Black	Black High Glossy	Black High Glossy
Dimension	Set(W*H*D)(mm) (with Stand)	422.7 x 427.9 x 219.3	448.0 x 363.9 x 202.2	514.6 x 422.0 x 219.3
	Set(W*H*D)(mm) (w/o Stand)	422.7 x 360.2 x 62.5	448.0 x 311.0 x 58.5	514.6 x 353.3 x 63.0
	Packing(W*H*D)(mm)	510.0 x 149.0 x 485.0	530.0 x 148.0 x 428.0	606.0 x 158.0 x 488.0
Weight	Set(kg)	5.5	4.2	5.7
	Packing(kg)	7.7	6.2	7.4
Special Features		Wide Color Gamut (97%),	Wide Color Gamut,	Wide Color Gamut (97%),
		MagicBright3,	HDCP supported,	MagicTune,
		MagicTune with Asset	MagicTune,	DVI(HDCP),
		Management Safe Mode	MagicBright3	MagicBright3,
		(Down Scaling in UXGA)		Color Innovation
Stand	Type	Simple	Simple	Simple
	Function		Tilt	Swivel, Tilt

Dimensions

931C / unit : mm



931CW / unit : mm



226CW / unit : mm