

Converting Colors

YUV(109.0440, 43.8553,
27.1484)

Have a look what the booklet for
YUV(109.0440, 43.8553, 27.1484)
contains.

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Color

**YUV(109.0440, 43.8553,
27.1484)**

Conversions

Conversions Part 1

Format	Color
Hex	8C4CC6
RGB	140, 76, 198
RGB Percent	55%, 30%, 78%
CMY	0.4510, 0.7020, 0.2235
CMYK	0.29, 0.62, 0.00, 0.22
HSL	271°, 52%, 54%
HSV	271°, 62%, 78%
XYZ	23.5927, 14.8215, 55.0435
YIQ	109.0440, -1.0180, 51.5100

Conversions

Conversions Part 2

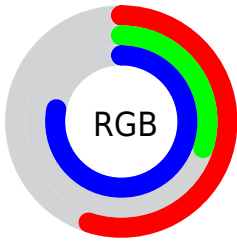
Format	Color
R _{YB}	140, 76, 198
Decimal	9194694
CIE Lab	45.39, 49.62, -53.48
CIE LCh	45, 72.957, 312.858
Yxy	14.8215, 0.2524, 0.1586
Android (android.graphics.Color)	4287384774 (0xFF8C4CC6)
YUV	109.0440, 43.8553, 27.1484
Hunter-Lab	38.4988, 42.0150, -57.8205

Details

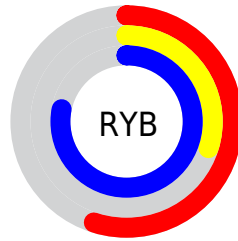
The YUV color **109.0440, 43.8553, 27.1484** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **164.9560, -43.8553, -27.1484**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.1090, 45.3023, 29.7224**, and **55.2180, 43.2765, 26.1188** is the 20% darker color. If you saturate the color by 10%, you get **94.6130, 50.9698, 31.9114**, and if you desaturate by 10%, it is **123.4750, 36.7408, 22.3854**.

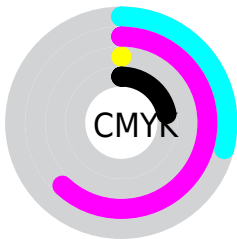
Distribution



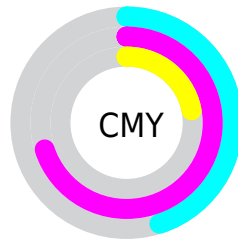
- Red (55%)
- Green (30%)
- Blue (78%)



- Red (55%)
- Yellow (30%)
- Blue (78%)



- Cyan (29%)
- Magenta (62%)
- Yellow (0%)
- Black (22%)



- Cyan (45%)
- Magenta (70%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.0440, 43.8553, 27.1484 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 109.0440, 43.8553, 27.1484 by changing the saturation by 10% instead.

■ 109.0440, 43.8553,
27.1484

■ 109.0440, 43.8553,
27.1484

■ 255.0000, 0.0000,
0.0000

■ 82.2180, 43.2765,
26.1188

■ 163.1090, 45.3023,
29.7224

■ 55.2180, 43.2765,
26.1188

■ 187.6290, 33.2139,
33.6514

■ 30.3810, 42.7032,
23.3449

■ 212.1490, 21.1255,
37.5803

■ 18.5610, 36.2054,
7.4010

■ 229.1720, 12.7332,
22.6512

■ 7.6380, 29.2655,
-6.6985

■ 245.6080, 4.6303,
8.2368

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,

-2.7143

■ 0.0000, 0.0000,
0.0000

■ 109.0440, 43.8553,
27.1484

■ 109.0440, 43.8553,
27.1484

■ 94.6130, 50.9698,
31.9114

■ 123.4750, 36.7408,
22.3854

■ 79.8830, 58.2317,
36.0596

■ 138.2050, 29.4789,
18.2372

■ 66.0390, 65.0568,
40.3078

■ 152.0490, 22.6538,
13.9890

■ 53.6680, 71.1557,
44.1412

■ 166.7790, 15.3920,
9.8408

■ 181.2100, 8.2775,
5.0778

■ 195.6410, 1.1630,
0.3148

■ 210.3710, -6.0989,
-3.8334

■ 224.2150,
-12.9240, -8.0816

■ 238.9450,
-20.1859, -12.2298

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8010, 68.6251, -77.8785



109.0440, 43.8553, 27.1484



93.9180, 25.1834, 89.5259

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



109.0440, 43.8553, 27.1484



100.9580, -49.7723, 50.9028



93.2330, 19.6051, -81.7653

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



109.0440, 43.8553, 27.1484



164.9560, -43.8553, -27.1484

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.7630, -7.7712, -74.3372



109.0440, 43.8553, 27.1484



98.3240, -48.4737, 7.6089

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



109.0440, 43.8553, 27.1484



95.3860, -35.1933, 88.2385



79.6540, -39.2694, -51.4396



99.1440, 44.7920, -86.9493

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



109.0440, 43.8553, 27.1484



76.4070, 13.6033, 117.1611



79.6540, -39.2694, -51.4396



90.8390, 10.4324, -79.6658

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



109.0440, 43.8553, 27.1484



221.4200, 16.5549, 10.1557



124.5410, 36.2153, -42.5705



106.7910, 10.4560, 6.3223



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



109.0440, 43.8553, 27.1484



117.1470, 67.9615, 41.9671



126.1580, 34.4321, 63.0054



92.5210, 3.1941, 2.1741



44.2960, 58.5211, 36.5744



9.7850, 12.9240, 8.0816

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



119.0900, 7.3506, 69.2041



132.7710, 11.4519, 107.1948



147.8420, -34.4321, -63.0054



93.1470, 0.4205, 5.1331



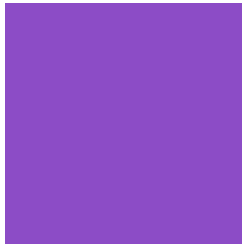
57.6290, 10.0429, 92.4104



12.7020, 2.1189, 20.4323

Previews

White Background



This preview shows how the YUV color 109.0440, 43.8553, 27.1484 looks on a white background.

Color Contrast Check

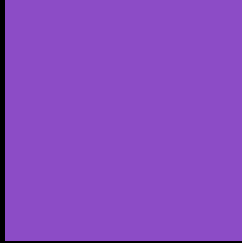
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 109.0440, 43.8553, 27.1484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

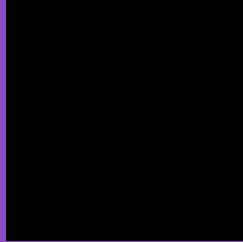
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 109.0440, 43.8553, 27.1484

Background



This preview shows how black text looks on a background with the YUV color 109.0440, 43.8553, 27.1484.



This preview shows how white text looks on a background with the YUV color 109.0440, 43.8553, 27.1484.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

109.0440, 43.8553, 27.1484

Protanopia

86.2420, 66.4357, -75.6342

Deuteranopia

94.7270, 47.4626, -56.7656



Tritanopia

108.7890, 0.1040, 13.3400

Trichromacy



Original Color

109.0440, 43.8553, 27.1484



Protanomaly

94.7090, 58.3175, -38.3328



Deuteranomaly

99.9850, 46.3494, -26.2968



Tritanomaly

108.9480, 15.8016, 18.4626

Monochromacy



Original Color

109.0440, 43.8553, 27.1484



Achromatopsia

109.0000, 0.0000, 0.0000



Achromatomaly

108.8930, 15.8288, 9.7408

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.0440, 43.8553, 27.1484 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(140, 76, 198)` looks like.

```
.text, #text, p{  
    color:rgb(140, 76, 198)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(140, 76, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 76, 198) }
```

Border

The CSS property to change the border of an element to YUV 109.0440, 43.8553, 27.1484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(140, 76, 198) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(140, 76, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(140, 76, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 76, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 76, 198);  
box-shadow:4px 4px 4px 4px rgb(140, 76,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 109.0440, 43.8553, 27.1484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 76, 198) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(140, 76,  
198) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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