

Converting Colors

YUV(109.7410, 19.8477,
27.4141)

Have a look what the booklet for
YUV(109.7410, 19.8477, 27.4141)
contains.

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Color

**YUV(109.7410, 19.8477,
27.4141)**

Conversions

Conversions Part 1

Format	Color
Hex	8D5696
RGB	141, 86, 150
RGB Percent	55%, 34%, 59%
CMY	0.4471, 0.6627, 0.4118
CMYK	0.06, 0.43, 0.00, 0.41
HSL	292°, 27%, 46%
HSV	292°, 43%, 59%
XYZ	19.8173, 14.5203, 30.6124
YIQ	109.7410, 12.2360, 31.5640

Conversions

Conversions Part 2

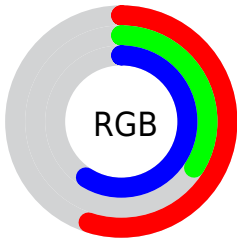
Format	Color
R_{YB}	141, 86, 150
Decimal	9262742
CIE _{Lab}	44.97, 33.68, -25.90
CIE _{LCh}	45, 42.491, 322.443
Yxy	14.5203, 0.3051, 0.2236
Android (android.graphics.Color)	4287452822 (0xFF8D5696)
YUV	109.7410, 19.8477, 27.4141
Hunter-Lab	38.1055, 26.1468, -20.9572

Details

The YUV color **109.7410, 19.8477, 27.4141** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **126.2590, -19.8477, -27.4141**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.2790, 20.5685, 29.5733**, and **60.2030, 19.1269, 25.2550** is the 20% darker color. If you saturate the color by 10%, you get **100.3380, 24.4834, 33.9066**, and if you desaturate by 10%, it is **119.1440, 15.2120, 20.9217**.

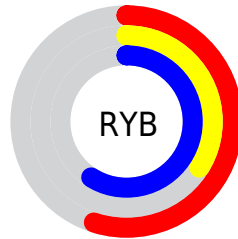
Distribution



Red (55%)

Green (34%)

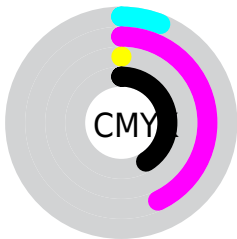
Blue (59%)



Red (55%)

Yellow (34%)

Blue (59%)

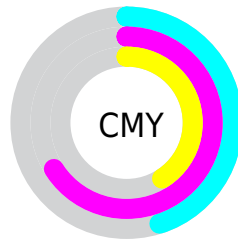


Cyan (6%)

Magenta (43%)

Yellow (0%)

Black (41%)



Cyan (45%)


Magenta (66%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the YUV color 109.7410, 19.8477, 27.4141 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 109.7410, 19.8477, 27.4141 by changing the saturation by 10% instead.


 109.7410, 19.8477,
27.4141


 109.7410, 19.8477,
27.4141


255.0000, 0.0000,
0.0000


 84.9150, 19.2689,
26.3845


 162.2790, 20.5685,
29.5733


 60.2030, 19.1269,
25.2550


 189.8060, 21.2946,
29.9881


 35.3170, 19.5637,
25.1550

 216.8340, 18.8158,
31.7176

 18.1870, 16.6698,
20.0070

 233.8680, 10.4181,
18.5328

 6.7090, 11.4825,
3.7632

 250.8910, 2.0257,
3.6036

 0.0000, 0.0000,
0.0000

■ 109.7410, 19.8477,
27.4141

■ 109.7410, 19.8477,
27.4141

■ 100.3380, 24.4834,
33.9066

■ 119.1440, 15.2120,
20.9217

■ 90.9350, 29.1190,
40.3990

■ 128.5470, 10.5763,
14.4293

■ 81.5320, 33.7547,
46.8914

■ 137.9500, 5.9407,
7.9369

■ 72.1290, 38.3904,
53.3839

■ 147.3530, 1.3050,
1.4444

■ 62.4270, 43.1735,
59.2615

■ 157.0550, -3.4781,
-4.4332


■ 55.6710, 46.5042,
64.3095

■ 166.4580, -8.1138,
-10.9257

■ 175.8610,
-12.7495, -17.4181

■ 185.2640,

-17.3852, -23.9105

 194.6670,
-22.0208, -30.4030

Harmonies

Analogous

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



106.4030, 32.3393, -12.6314



109.7410, 19.8477, 27.4141



106.9970, 4.9315, 51.7456

Triad

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



109.7410, 19.8477, 27.4141



102.7020, -34.8561, 26.5713



87.8360, 21.7729, -77.0322

Complementary

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



109.7410, 19.8477, 27.4141



126.2590, -19.8477, -27.4141

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.



83.1450, 6.3375, -72.9182



109.7410, 19.8477, 27.4141



99.7480, -31.4278, 0.2210

Square

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



109.7410, 19.8477, 27.4141



105.0110, -26.6274, 47.3484



94.1380, -16.3370, -33.4470



89.4950, 35.7450, -78.4871

Rectangle

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



109.7410, 19.8477, 27.4141



106.0550, -6.4361, 57.8338



94.1380, -16.3370, -33.4470



86.5820, 16.9681, -75.9324

Sweetspot

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



109.7410, 19.8477, 27.4141



178.1290, 7.8244, 10.4109



99.1660, 25.0612, -11.5466



87.0100, 4.9251, 7.0072



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



109.7410, 19.8477, 27.4141



131.7010, 30.7134, 42.3582



109.9240, 8.9115, 35.1467



69.5920, 2.1731, 2.9888



51.0140, 42.8841, 58.7467



3.8310, 3.0413, 4.5332

Inverse Universe

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



106.1620, -5.5029, 38.4459



126.1970, -8.4781, 59.4632



126.0760, -8.9115, -35.1467



69.2070, -0.5951, 4.2035



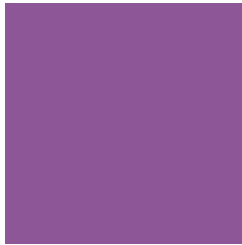
43.4280, -12.0430, 82.9396



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 109.7410, 19.8477, 27.4141 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 109.7410, 19.8477, 27.4141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

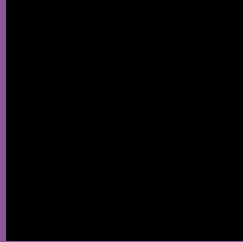
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.7410, 19.8477, 27.4141

Background



This preview shows how black text looks on a background with the YUV color 109.7410, 19.8477, 27.4141.

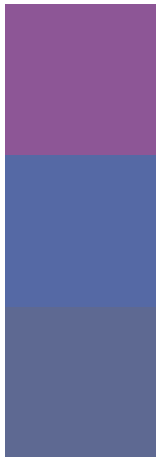


This preview shows how white text looks on a background with the YUV color 109.7410, 19.8477, 27.4141.

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

109.7410, 19.8477, 27.4141

Protanopia

105.8600, 29.1560, -18.2942

Deuteranopia

106.3850, 19.5302, -10.8616



Tritanopia

108.5730, -2.2545, 23.1765

Trichromacy



Original Color

109.7410, 19.8477, 27.4141

Protanomaly

107.1610, 26.0496, -1.8952

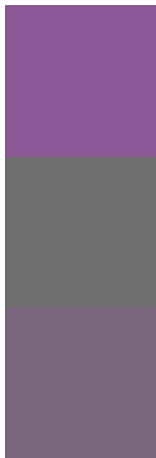
Deuteranomaly

107.4730, 19.4868, 3.0932

Tritanomaly

108.7610, 6.0338, 24.7656

Monochromacy



Original Color

109.7410, 19.8477, 27.4141

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.7160, 7.5350, 9.8961

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.7410, 19.8477, 27.4141 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(141, 86, 150)` looks like.

```
.text, #text, p{  
    color:rgb(141, 86, 150)  
}
```

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(141, 86, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 86, 150) }
```

Border

The CSS property to change the border of an element to YUV 109.7410, 19.8477, 27.4141 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(141, 86, 150) }
```


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

```
.border{ border-color:rgb(141, 86, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 86, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 86, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 86, 150);  
box-shadow:4px 4px 4px 4px rgb(141, 86,  
150) }
```

Background

The CSS property to change the background color of an element to YUV 109.7410, 19.8477, 27.4141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 86, 150) }
```

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

```
.background{ background-color: rgb(141, 86,  
150) }
```

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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