

Converting Colors

YUV(109.4400, 19.5031,
-2.1399)

Have a look what the booklet for
YUV(109.4400, 19.5031, -2.1399)
contains.

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Color

**YUV(109.4400, 19.5031,
-2.1399)**

Conversions

Conversions Part 1

Format	Color
Hex	6B6795
RGB	107, 103, 149
RGB Percent	42%, 40%, 58%
CMY	0.5804, 0.5961, 0.4157
CMYK	0.28, 0.31, 0.00, 0.42
HSL	245°, 18%, 49%
HSV	245°, 31%, 58%
XYZ	16.3385, 14.9962, 30.4672
YIQ	109.4400, -12.3820, 15.1540

Conversions

Conversions Part 2

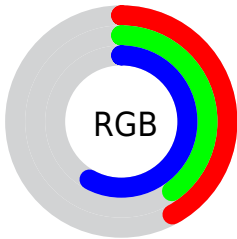
Format	Color
R _Y B	107, 103, 149
Decimal	7038869
CIE Lab	45.63, 12.37, -24.56
CIE LCh	46, 27.496, 296.732
Yxy	14.9962, 0.2644, 0.2426
Android (android.graphics.Color)	4285228949 (0xFF6B6795)
YUV	109.4400, 19.5031, -2.1399
Hunter-Lab	38.7250, 7.5424, -19.5395

Details

The YUV color **109.4400, 19.5031, -2.1399** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **142.5600, -19.5031, 2.1399**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.0810, 20.6661, -1.8250**, and **61.3860, 18.0507, -2.9695** is the 20% darker color. If you saturate the color by 10%, you get **96.4490, 25.9076, -3.0248**, and if you desaturate by 10%, it is **122.4310, 13.0985, -1.2550**.

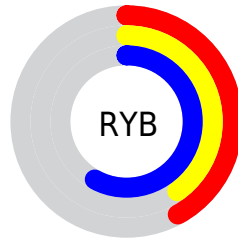
Distribution



Red (42%)

Green (40%)

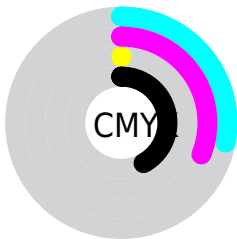
Blue (58%)



Red (42%)

Yellow (40%)

Blue (58%)

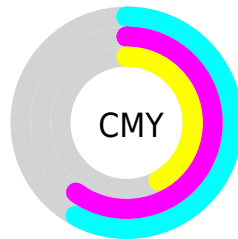


Cyan (28%)

Magenta (31%)

Yellow (0%)

Black (42%)



Cyan (58%)

Magenta (60%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.4400, 19.5031, -2.1399 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 109.4400, 19.5031, -2.1399 by changing the saturation by 10% instead.

■ 109.4400, 19.5031,
-2.1399

■ 109.4400, 19.5031,
-2.1399

■ 255.0000, 0.0000,
0.0000

■ 84.9130, 18.7769,
-2.5547

■ 161.0810, 20.6661,
-1.8250

■ 61.3860, 18.0507,
-2.9695

■ 188.6080, 21.3923,
-1.4102

■ 39.1470, 17.1825,
-4.5139

■ 215.4510, 19.4977,
-0.3955

■ 17.3210, 16.6037,
-5.5435

■ 240.8460, 6.9779,
1.8891

■ 4.5940, 12.5252,
-4.0289

■ 0.0000, 0.0000,
0.0000

■ 109.4400, 19.5031,
-2.1399

■ 109.4400, 19.5031,
-2.1399

■ 96.4490, 25.9076,
-3.0248

■ 122.4310, 13.0985,
-1.2550

■ 83.7570, 32.1648,
-3.2949

■ 135.1230, 6.8414,
-0.9849

■ 70.7660, 38.5694,
-4.1798

■ 148.1140, 0.4368,
-0.1000

■ 58.0740, 44.8265,
-4.4499

■ 160.8060, -5.8204,
0.1701

■ 45.6700, 50.9417,
-5.8496

■ 173.7970,
-12.2249, 1.0550

■ 32.6790, 57.3463,
-6.7345


■ 186.2010,
-18.3401, 2.4547

■ 20.8730, 63.1666,
-6.9046

■ 198.8930,
-24.5972, 2.7248

■ 211.8840,

-31.0018, 3.6097

 224.5760,
-37.2590, 3.8798

Harmonies

Analogous

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



103.6430, 24.8260, -29.5049



109.4400, 19.5031, -2.1399



111.4060, 11.1388, 20.6919

Triad

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



109.4400, 19.5031, -2.1399



108.2630, -18.8637, 30.4643



95.2670, 4.7984, -45.8382

Complementary

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



109.4400, 19.5031, -2.1399



142.5600, -19.5031, 2.1399

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.



101.0390, -9.3862, -22.8362



109.4400, 19.5031, -2.1399



106.6650, -22.0198, 16.0798

Square

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



109.4400, 19.5031, -2.1399



109.5980, -10.1548, 37.1866



104.3530, -18.9080, -2.0636



86.5270, 20.4462, -71.4992

Rectangle

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



109.4400, 19.5031, -2.1399



110.6370, 4.1230, 31.0134



104.3530, -18.9080, -2.0636



97.9430, -0.4649, -37.6610

Sweetspot

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



109.4400, 19.5031, -2.1399



178.6500, 7.5676, -0.5700



132.8980, 7.9383, -26.2205



87.5530, 4.6574, -0.4850



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.



109.4400, 19.5031, -2.1399



132.0020, 30.5650, -3.5098



116.3170, 16.1127, 12.0000



67.7980, 3.0576, -0.6998



19.3200, 58.5092, -6.4196



1.4390, 4.2206, -0.3850

Inverse Universe

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



121.5420, 11.5648, 24.0807



151.0520, 18.2154, 37.6654



135.6830, -16.1127, -12.0000



69.7770, 1.5889, 3.7036



55.6260, 34.6944, 72.2420



4.0160, 2.4571, 5.2480

Previews

White Background



This preview shows how the YUV color 109.4400, 19.5031, -2.1399 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 109.4400, 19.5031, -2.1399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

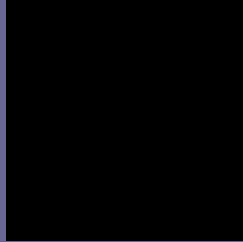
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.4400, 19.5031, -2.1399

Background



This preview shows how black text looks on a background with the YUV color 109.4400, 19.5031, -2.1399.



This preview shows how white text looks on a background with the YUV color 109.4400, 19.5031, -2.1399.

-2.1399.

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

109.4400, 19.5031, -2.1399

Protanopia

107.6560, 21.8616, -11.9763

Deuteranopia

108.0860, 19.6776, -11.4764



Tritanopia

107.6340, 5.1104, -5.8180

Trichromacy



Original Color

109.4400, 19.5031, -2.1399

Protanomaly

108.4500, 20.9772, -8.2876

Deuteranomaly

108.6950, 19.3774, -8.5025

Tritanomaly

108.3120, 10.1992, -4.6586

Monochromacy



Original Color

109.4400, 19.5031, -2.1399

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2370, 7.2782, -1.0848

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.4400, 19.5031, -2.1399 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(107, 103, 149)` looks like.

```
.text, #text, p{  
    color:rgb(107, 103, 149)  
}
```

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(107, 103, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 103, 149) }
```

Border

The CSS property to change the border of an element to YUV 109.4400, 19.5031, -2.1399 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(107, 103, 149) }
```


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

```
.border{ border-color:rgb(107, 103, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 103, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 103, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 103, 149);  
box-shadow:4px 4px 4px 4px rgb(107, 103,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 109.4400, 19.5031, -2.1399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 103, 149) }
```

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

```
.background{ background-color: rgb(107,  
103, 149) }
```

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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