

Converting Colors

YUV(109.2580, 28.9598,
-1.9803)

Have a look what the booklet for
YUV(109.2580, 28.9598, -1.9803)
contains.

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Color

**YUV(109.2580, 28.9598,
-1.9803)**

Conversions

Conversions Part 1

Format	Color
Hex	6B63A8
RGB	107, 99, 168
RGB Percent	42%, 39%, 66%
CMY	0.5804, 0.6118, 0.3412
CMYK	0.36, 0.41, 0.00, 0.34
HSL	247°, 28%, 52%
HSV	247°, 41%, 66%
XYZ	17.5931, 14.8766, 38.9900
YIQ	109.2580, -17.3810, 23.1550

Conversions

Conversions Part 2

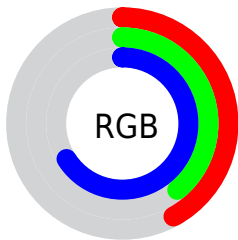
Format	Color
R _Y B	107, 99, 168
Decimal	7037864
CIE Lab	45.46, 20.02, -36.05
CIE LCh	45, 41.235, 299.042
Yxy	14.8766, 0.2462, 0.2082
Android (android.graphics.Color)	4285227944 (0xFF6B63A8)
YUV	109.2580, 28.9598, -1.9803
Hunter-Lab	38.5702, 13.9217, -32.9361

Details

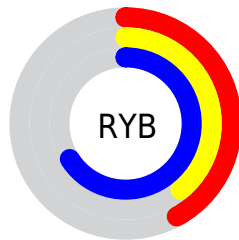
The YUV color $109.2580, 28.9598, -1.9803$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $157.7420, -28.9598, 1.9803$, and the grayscale version is $109.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $161.7250, 30.7016, -0.6358$, and $60.0790, 27.0761, -4.4543$ is the 20% darker color. If you saturate the color by 10%, you get $94.7940, 36.0906, -2.4503$, and if you desaturate by 10%, it is $123.7220, 21.8291, -1.5102$.

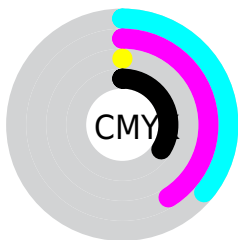
Distribution



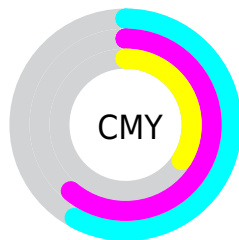
- Red (42%)
- Green (39%)
- Blue (66%)



- Red (42%)
- Yellow (39%)
- Blue (66%)



- Cyan (36%)
- Magenta (41%)
- Yellow (0%)
- Black (34%)



- Cyan (58%)
- Magenta (61%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 109.2580, 28.9598, -1.9803 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 109.2580, 28.9598, -1.9803 by changing the saturation by 10% instead.

■ 109.2580, 28.9598,
-1.9803

■ 109.2580, 28.9598,
-1.9803

■ 255.0000, 0.0000,
0.0000

■ 84.3180, 27.9442,
-2.9099

■ 161.7250, 30.7016,
-0.6358

■ 60.0790, 27.0761,
-4.4543

■ 188.2520, 31.4278,
-0.2210

■ 37.2420, 26.5027,
-7.2282

■ 213.7010, 20.3604,
2.8932

■ 13.5080, 26.3716,
-11.8465

■ 238.8080, 7.9827,
6.3074

■ 6.7770, 18.3509,
-5.9434

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,

0.0000

■ 109.2580, 28.9598,
-1.9803

■ 109.2580, 28.9598,
-1.9803

■ 94.7940, 36.0906,
-2.4503

■ 123.7220, 21.8291,
-1.5102

■ 80.3300, 43.2213,
-2.9204

■ 138.1860, 14.6983,
-1.0401

■ 66.4530, 50.0627,
-3.9053

■ 152.0630, 7.8569,
-0.0553

■ 52.2880, 57.0460,
-3.7606

■ 166.2280, 0.8736,
-0.2000

■ 37.8240, 64.1768,
-4.2306

■ 180.6920, -6.2572,
0.2701

■ 24.8330, 70.5813,
-5.1155

■ 195.1560,
-13.3879, 0.7402

■ 209.6200,
-20.5187, 1.2103

■ 223.4970,
-27.3600, 2.1951

■ 237.9610,
-34.4908, 2.6652

Harmonies

Analogous

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



93.2830, 40.7795, -59.8842



109.2580, 28.9598, -1.9803



110.8620, 16.3370, 33.4470

Triad

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



109.2580, 28.9598, -1.9803



106.2230, -28.2109, 41.9004



84.7580, 9.9793, -74.3328

Complementary

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



109.2580, 28.9598, -1.9803



157.7420, -28.9598, 1.9803

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.



93.7610, -11.2212, -41.0094



109.2580, 28.9598, -1.9803



103.8970, -33.9662, 21.1383

Square

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



109.2580, 28.9598, -1.9803



107.0410, -15.3032, 55.2150



100.3280, -27.7697, -6.4267



88.7480, 25.2672, -77.8320

Rectangle

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



109.2580, 28.9598, -1.9803



109.3170, 6.2527, 47.9570



100.3280, -27.7697, -6.4267



83.3900, 4.7377, -73.1330

Sweetspot

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



109.2580, 28.9598, -1.9803



196.8610, 10.9145, -0.7551



143.2600, 12.1968, -38.8160



96.4220, 6.6940, -0.3701



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



109.2580, 28.9598, -1.9803



127.7860, 44.9685, -3.3203



119.1250, 24.0954, 18.3074



77.2110, 3.3470, -0.1850



21.9550, 62.1402, -4.3455



2.8780, 8.4411, -0.7700

Inverse Universe

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



126.5850, 16.4736, 36.3210



154.8230, 25.7233, 56.2832



147.8750, -24.0954, -18.3074



79.1900, 1.8783, 4.2184



59.1860, 35.4043, 77.8899



8.0320, 4.9142, 10.4959

Previews

White Background



This preview shows how the YUV color 109.2580, 28.9598, -1.9803 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 109.2580, 28.9598, -1.9803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

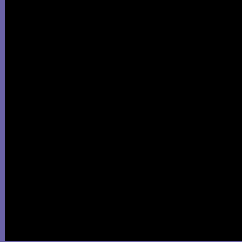
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 109.2580, 28.9598, -1.9803

Background



This preview shows how black text looks on a background with the YUV color 109.2580, 28.9598, -1.9803.



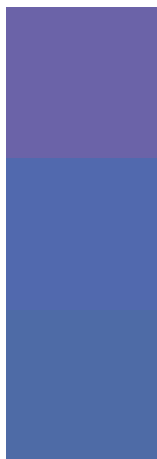
This preview shows how white text looks on a background with the YUV color 109.2580, 28.9598, -1.9803.

-1.9803.

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

109.2580, 28.9598, -1.9803

Protanopia

105.6900, 33.6768, -21.6531

Deuteranopia

105.0550, 30.0459, -23.7272



Tritanopia

106.7260, 5.5581, -9.4067

Trichromacy



Original Color

109.2580, 28.9598, -1.9803

Protanomaly

106.9790, 32.0554, -14.8906

Deuteranomaly

106.6970, 29.7294, -15.5203

Tritanomaly

107.6260, 13.9884, -6.6880

Monochromacy



Original Color

109.2580, 28.9598, -1.9803

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

108.7470, 10.4777, -0.6551

CSS Examples

Text

The CSS property to change the color of the text to YUV 109.2580, 28.9598, -1.9803 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, 99, 168)` looks like.

```
.text, #text, p{  
    color:rgb(107, 99, 168)  
}
```

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, 99, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 99, 168) }
```

Border

The CSS property to change the border of an element to YUV 109.2580, 28.9598, -1.9803 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, 99, 168) }
```


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

```
.border{ border-color:rgb(107, 99, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 99, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 99, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 99, 168);  
box-shadow:4px 4px 4px 4px rgb(107, 99,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 109.2580, 28.9598, -1.9803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 99, 168) }
```

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

```
.background{ background-color: rgb(107, 99,  
168) }
```

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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