

Converting Colors

YUV(118.4100, 8.1789,
-10.0066)

Have a look what the booklet for
YUV(118.4100, 8.1789, -10.0066)
contains.

YUV(118.4100, 8.1789, -10.0066)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(118.4100, 8.1789,
-10.0066)**

Conversions

Conversions Part 1

Format	Color
Hex	6B7987
RGB	107, 121, 135
RGB Percent	42%, 47%, 53%
CMY	0.5804, 0.5255, 0.4706
CMYK	0.21, 0.10, 0.00, 0.47
HSL	210°, 12%, 47%
HSV	210°, 21%, 53%
XYZ	17.2740, 18.5498, 25.5917
YIQ	118.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

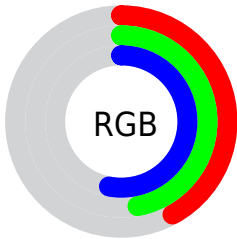
Format	Color
R_{YB}	107, 116, 135
Decimal	7043463
CIE _{Lab}	50.16, -1.94, -9.36
CIE _{LCh}	50, 9.563, 258.306
Yxy	18.5498, 0.2813, 0.3020
Android (android.graphics.Color)	4285233543 (0xFF6B7987)
YUV	118.4100, 8.1789, -10.0066
Hunter-Lab	43.0695, -3.7803, -5.0812

Details

The YUV color **118.4100, 8.1789, -10.0066** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **123.5900, -8.1789, 10.0066**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **170.5240, 8.6157, -10.1065**, and **70.1820, 7.3053, -9.8066** is the 20% darker color. If you saturate the color by 10%, you get **110.4140, 12.1209, -14.3951**, and if you desaturate by 10%, it is **126.7050, 4.0894, -5.0033**.

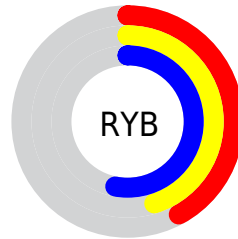
Distribution



Red (42%)

Green (47%)

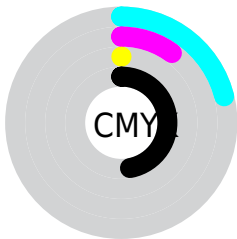
Blue (53%)



Red (42%)

Yellow (45%)

Blue (53%)

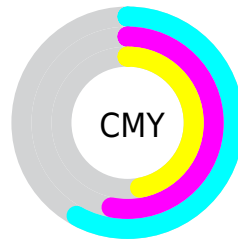


Cyan (21%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (58%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.4100, 8.1789, -10.0066 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 118.4100, 8.1789, -10.0066 by changing the saturation by 10% instead.

■ 118.4100, 8.1789,
-10.0066

■ 118.4100, 8.1789,
-10.0066

■ 255.0000, 0.0000,
0.0000

■ 93.7090, 8.0315,
-9.3918

■ 170.5240, 8.6157,
-10.1065

■ 70.1820, 7.3053,
-9.8066

■ 198.2250, 8.7631,
-10.7213

■ 47.4810, 7.1579,
-9.1918

■ 226.2250, 8.7631,
-10.7213

■ 26.0680, 6.8685,
-9.7066

■ 251.1130, 1.9163,
-7.9921

■ 3.4540, 8.1572,
-3.0292

■ 0.0000, 0.0000,
0.0000

■ 118.4100, 8.1789,
-10.0066

■ 118.4100, 8.1789,
-10.0066

■ 110.4140, 12.1209,
-14.3951

■ 126.7050, 4.0894,
-5.0033

■ 102.7060, 15.9209,
-19.9132

■ 134.7010, 0.1474,
-0.6148

■ 94.7100, 19.8630,
-24.3017

■ 142.1100, -3.5052,
4.2885

■ 86.4150, 23.9524,
-29.3050

■ 150.4050, -7.5947,
9.2918

■ 78.4190, 27.8944,
-33.6935

■ 158.7000,
-11.6841, 14.2951

■ 70.7110, 31.6945,
-39.2115

■ 166.6960,
-15.6261, 18.6836

■ 62.7150, 35.6365,
-43.6001


■ 174.4040,
-19.4262, 24.2017

■ 55.3060, 39.2891,

■ 182.4000,

-48.5034

-23.3682, 28.5902

 190.6950,
-27.4576, 33.5935

Harmonies

Analogous

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



117.0350, 6.8847, -14.9397



118.4100, 8.1789, -10.0066



119.6390, 7.5730, -2.3144

Triad

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



118.4100, 8.1789, -10.0066



120.9910, -2.9536, 14.0399



117.7020, -4.7831, -5.8777

Complementary

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



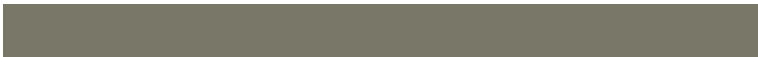
118.4100, 8.1789, -10.0066



123.5900, -8.1789, 10.0066

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.



118.4750, -7.1362, 2.2144



118.4100, 8.1789, -10.0066



120.1820, -6.0057, 12.9954

Square

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



118.4100, 8.1789, -10.0066



121.0060, 0.9830, 11.3957



119.6930, -7.7366, 8.1622



116.8090, -0.3988, -12.1105

Rectangle

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



118.4100, 8.1789, -10.0066



120.8030, 5.5201, 2.8038



119.6930, -7.7366, 8.1622



117.7840, -5.8095, -3.3186

Sweetspot

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



118.4100, 8.1789, -10.0066



169.7760, 3.0684, -4.1886



125.0320, -1.9878, -15.8141



85.4450, 1.7526, -2.1443



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



118.4100, 8.1789, -10.0066



149.9300, 12.8525, -15.7246



110.1920, 12.2303, -2.7994



62.4450, 1.7526, -2.1443



52.9750, 37.9733, -46.4591



0.9290, 1.0210, -0.8147

Inverse Universe

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



116.9680, 1.9878, 15.8141



147.6640, 3.1236, 24.8507



131.8080, -12.2303, 2.7994



62.1360, 0.4260, 3.3887



46.2800, 9.2290, 73.4224



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 118.4100, 8.1789, -10.0066 looks on a white 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

Black Background



This preview shows how the YUV color 118.4100, 8.1789, -10.0066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

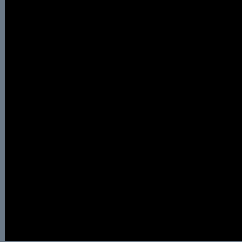
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

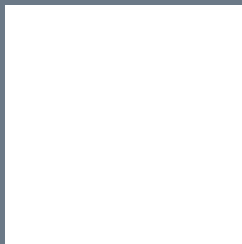
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 118.4100, 8.1789, -10.0066

Background



This preview shows how black text looks on a background with the YUV color 118.4100, 8.1789, -10.0066.



This preview shows how white text looks on a background with the YUV color 118.4100, 8.1789,

-10.0066.

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

118.4100, 8.1789, -10.0066

Protanopia

119.4110, 6.6994, -2.1144

Deuteranopia

120.3730, 7.7041, 2.3039



Tritanopia

118.2420, 6.2897, -10.7362

Trichromacy



Original Color

118.4100, 8.1789, -10.0066

Protanomaly

118.9160, 7.4364, -5.1883

Deuteranomaly

119.7530, 8.0098, -2.4144

Tritanomaly

118.3560, 6.7265, -10.8362

Monochromacy



Original Color

118.4100, 8.1789, -10.0066

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

118.0750, 2.9210, -3.5738

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.4100, 8.1789, -10.0066 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, 121, 135)` looks like.

```
.text, #text, p{  
    color:rgb(107, 121, 135)  
}
```

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, 121, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 121, 135) }
```

Border

The CSS property to change the border of an element to YUV 118.4100, 8.1789, -10.0066 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, 121, 135) }
```


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

```
.border{ border-color:rgb(107, 121, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 121, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 121, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 121, 135);  
box-shadow:4px 4px 4px 4px rgb(107, 121,  
135) }
```

Background

The CSS property to change the background color of an element to YUV 118.4100, 8.1789, -10.0066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 121, 135) }
```

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

```
.background{ background-color: rgb(107,  
121, 135) }
```

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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