

Converting Colors

YUV(118.5200, 17.9846,
-28.5200)

Have a look what the booklet for
YUV(118.5200, 17.9846, -28.5200)
contains.

YUV(118.5200, 17.9846, -28.5200)	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(118.5200, 17.9846,
-28.5200)**

Conversions

Conversions Part 1

Format	Color
Hex	56809B
RGB	86, 128, 155
RGB Percent	34%, 50%, 61%
CMY	0.6627, 0.4980, 0.3922
CMYK	0.45, 0.17, 0.00, 0.39
HSL	203°, 29%, 47%
HSV	203°, 45%, 61%
XYZ	17.4733, 19.7833, 33.9080
YIQ	118.5200, -33.6990, -0.5070

Conversions

Conversions Part 2

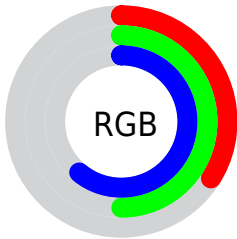
Format	Color
R_{YB}	86, 112, 155
Decimal	5669019
CIE _{Lab}	51.59, -7.04, -19.03
CIE _{LCh}	52, 20.287, 249.700
Yxy	19.7833, 0.2455, 0.2780
Android (android.graphics.Color)	4283859099 (0xFF56809B)
YUV	118.5200, 17.9846, -28.5200
Hunter-Lab	44.4785, -7.7138, -14.0646

Details

The YUV color **118.5200, 17.9846, -28.5200** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **122.4800, -17.9846, 28.5200**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7480, 18.8582, -28.7200**, and **68.0960, 17.7007, -30.7792** is the 20% darker color. If you saturate the color by 10%, you get **110.5130, 21.9321, -34.6529**, and if you desaturate by 10%, it is **126.8260, 13.8898, -21.7724**.

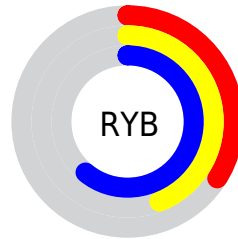
Distribution



Red (34%)

Green (50%)

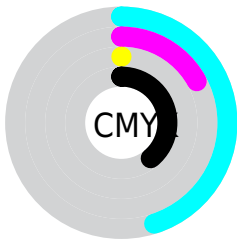
Blue (61%)



Red (34%)

Yellow (44%)

Blue (61%)

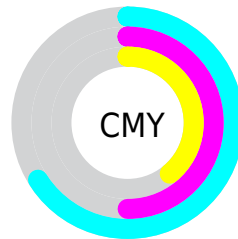


Cyan (45%)

Magenta (17%)

Yellow (0%)

Black (39%)



Cyan (66%)

Magenta (50%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.5200, 17.9846, -28.5200 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 118.5200, 17.9846, -28.5200 by changing the saturation by 10% instead.

■ 118.5200, 17.9846,
-28.5200

■ 118.5200, 17.9846,
-28.5200

■ 255.0000, 0.0000,
0.0000

■ 93.1070, 17.6952,
-29.0348

■ 171.7480, 18.8582,
-28.7200

■ 68.0960, 17.7007,
-30.7792

■ 198.8620, 19.2950,
-28.8200

■ 41.9920, 18.7379,
-36.8270

■ 226.1950, 14.2009,
-28.2350

■ 27.0430, 14.7688,
-23.7167

■ 245.4320, 4.7170,
-19.6729

■ 11.6210, 11.5258,
-10.1916

■ 254.1030, 0.4422,
-1.8443

■ 1.2540, 4.8048,
-1.0998

■ 0.0000, 0.0000,

0.0000

■ 118.5200, 17.9846,
-28.5200

■ 118.5200, 17.9846,
-28.5200

■ 110.5130, 21.9321,
-34.6529

■ 126.8260, 13.8898,
-21.7724

■ 102.2070, 26.0269,
-41.4005

■ 134.8330, 9.9423,
-15.6395

■ 94.2000, 29.9744,
-47.5334

■ 143.1390, 5.8475,
-8.8919

■ 85.8940, 34.0693,
-54.2810

■ 151.1460, 1.9000,
-2.7590

■ 77.8870, 38.0167,
-60.4139

■ 159.4520, -2.1948,
3.9886

■ 72.8480, 40.5009,
-63.8877

■ 167.4590, -6.1423,
10.1215

■ 175.7650,
-10.2371, 16.8691

■ 184.3590,
-14.4740, 22.4872

■ 192.6650,
-18.5688, 29.2348

Harmonies

Analogous

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



115.4280, 14.0860, -38.0864



118.5200, 17.9846, -28.5200



122.6900, 16.9148, -12.0061

Triad

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



118.5200, 17.9846, -28.5200



125.2640, -3.5812, 28.7095



119.8560, -11.7610, -7.7667

Complementary

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



118.5200, 17.9846, -28.5200



122.4800, -17.9846, 28.5200

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.



121.8040, -16.1724, 7.1879



118.5200, 17.9846, -28.5200



124.6030, -11.1433, 27.5352

Square

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



118.5200, 17.9846, -28.5200



125.9840, 4.4449, 21.0620



123.2940, -15.9209, 19.9132



117.2330, -3.5659, -23.0063

Rectangle

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



118.5200, 17.9846, -28.5200



124.6700, 13.9667, 0.2894



123.2940, -15.9209, 19.9132



120.1340, -13.3771, -2.7485

Sweetspot

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



118.5200, 17.9846, -28.5200



187.3560, 6.7265, -10.8362



129.4670, -8.6112, -38.1206



93.6940, 4.0949, -6.7476



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



118.5200, 17.9846, -28.5200



145.2390, 27.4902, -44.0596



98.5620, 27.8239, -11.0169



72.8470, 2.0474, -3.3738



65.8550, 36.5535, -57.7548



6.1780, 3.3632, -5.4181

Inverse Universe

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



111.4190, 8.1744, 38.2205



134.1040, 12.7667, 58.6678



142.4380, -27.8239, 11.0169



71.9620, 1.0047, 4.4183



51.5500, 16.4909, 77.5707



4.7990, 1.5781, 7.1923

Previews

White Background



This preview shows how the YUV color 118.5200, 17.9846, -28.5200 looks on a white background.

Color Contrast Check

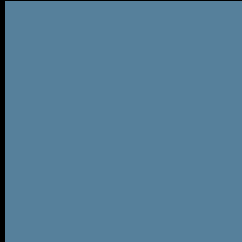
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.5200, 17.9846, -28.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

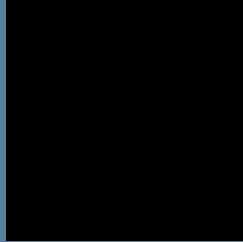
Any Text WCAG AA ✓ Pass

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 118.5200, 17.9846, -28.5200 Background



This preview shows how black text looks on a background with the YUV color 118.5200, 17.9846, -28.5200.



This preview shows how white text looks on a background with the YUV color 118.5200, 17.9846, -28.5200.

-28.5200.

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

118.5200, 17.9846, -28.5200

Protanopia

122.8110, 13.4042, -5.9732

Deuteranopia

123.0220, 16.7512, -6.1583



Tritanopia

116.9020, 11.8803, -30.6091

Trichromacy



Original Color

118.5200, 17.9846, -28.5200

Protanomaly

121.5110, 15.0311, -14.4801

Deuteranomaly

121.3800, 17.0677, -14.3653

Tritanomaly

117.1840, 14.2063, -29.9794

Monochromacy



Original Color

118.5200, 17.9846, -28.5200

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

118.6550, 6.5791, -10.2214

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.5200, 17.9846, -28.5200 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(86, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(86, 128, 155)  
}
```

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(86, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 128, 155) }
```

Border

The CSS property to change the border of an element to YUV 118.5200, 17.9846, -28.5200 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(86, 128, 155) }
```


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

```
.border{ border-color:rgb(86, 128, 155) }
```

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

Here you see how a box with a 4 pixel rgb(86, 128, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(86, 128,  
155) }
```

Background

The CSS property to change the background color of an element to YUV 118.5200, 17.9846, -28.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 128, 155) }
```

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

```
.background{ background-color: rgb(86, 128,  
155) }
```

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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