

Converting Colors

YUV(118.3200, 4.2792,
-66.0556)

Have a look what the booklet for
YUV(118.3200, 4.2792, -66.0556)
contains.

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Color

**YUV(118.3200, 4.2792,
-66.0556)**

Conversions

Conversions Part 1

Format	Color
Hex	2B9B7F
RGB	43, 155, 127
RGB Percent	17%, 61%, 50%
CMY	0.8314, 0.3922, 0.5020
CMYK	0.72, 0.00, 0.18, 0.39
HSL	165°, 57%, 39%
HSV	165°, 72%, 61%
XYZ	16.5484, 25.4886, 24.1263
YIQ	118.3200, -57.7640, -32.4520

Conversions

Conversions Part 2

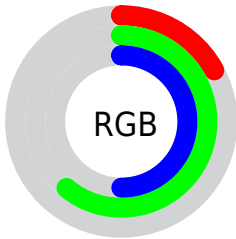
Format	Color
RYB	43, 107, 155
Decimal	2857855
CIELab	57.55, -37.82, 5.78
CIElCh	58, 38.263, 171.307
Yxy	25.4886, 0.2501, 0.3852
Android (android.graphics.Color)	4281047935 (0xFF2B9B7F)
YUV	118.3200, 4.2792, -66.0556
Hunter-Lab	50.4862, -29.8422, 7.0069

Details

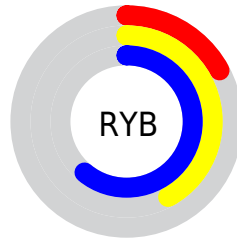
The YUV color **118.3200, 4.2792, -66.0556** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **79.6800, -4.2792, 66.0556**, and the grayscale version is **118.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.1850, 2.3738, -61.5522**, and **69.3530, 4.2630, -60.8226** is the 20% darker color. If you saturate the color by 10%, you get **113.3790, 4.7432, -74.8774**, and if you desaturate by 10%, it is **123.5600, 3.6679, -56.6191**.

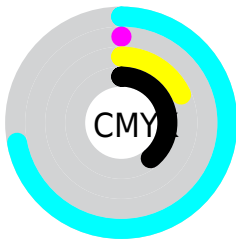
Distribution



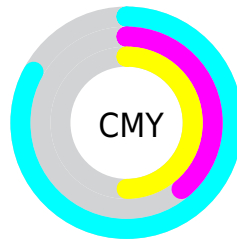
- Red (17%)
- Green (61%)
- Blue (50%)



- Red (17%)
- Yellow (42%)
- Blue (61%)



- Cyan (72%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)



- Cyan (83%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 118.3200, 4.2792, -66.0556 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 118.3200, 4.2792, -66.0556 by changing the saturation by 10% instead.

■ 118.3200, 4.2792,
-66.0556

■ 118.3200, 4.2792,
-66.0556

■ 255.0000, 0.0000,
0.0000

■ 87.3510, 7.2220,
-76.6068

■ 175.1850, 2.3738,
-61.5522

■ 69.3530, 4.2630,
-60.8226

■ 203.9570, 1.5002,
-61.3523

■ 52.0560, 1.4514,
-45.6531

■ 224.9130, 4.9729,
-55.1747

■ 35.5740, -0.7760,
-31.1984

■ 235.8640, 9.4340,
-39.3457

■ 21.3260, -4.5977,
-18.7029

■ 244.8340, 5.0118,
-20.9024

■ 0.0000, 0.0000,
0.0000

■ 253.5050, 0.7370,

-3.0739

■ 118.3200, 4.2792,
-66.0556

■ 118.3200, 4.2792,
-66.0556

■ 113.3790, 4.7432,
-74.8774

■ 123.5600, 3.6679,
-56.6191

■ 108.1390, 5.3545,
-84.3139

■ 128.5010, 3.2040,
-47.7974

■ 104.2090, 5.8130,
-91.3913

■ 133.7410, 2.5927,
-38.3609

■ 138.6820, 2.1288,
-29.5391

■ 143.8080, 1.0807,
-20.0026

■ 148.7490, 0.6167,
-11.1809

■ 153.9890, 0.0054,
-1.7444

■ 158.9300, -0.4585,
7.0774

■ 164.1700, -1.0698,
16.5139

Harmonies

Analogous

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



128.1710, -16.3533, -28.2140



118.3200, 4.2792, -66.0556



109.3390, 25.4689, -95.8903

Triad

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



118.3200, 4.2792, -66.0556



138.5450, 30.2973, -11.0020



138.0540, -25.1696, 46.4336

Complementary

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



118.3200, 4.2792, -66.0556



79.6800, -4.2792, 66.0556

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.



139.3660, -11.5194, 54.9300



118.3200, 4.2792, -66.0556



142.3770, 18.5481, 24.2254

Square

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



118.3200, 4.2792, -66.0556



126.9090, 38.0059, -56.9252



141.3340, 3.7793, 47.9421



136.3970, -32.2407, 27.7158

Rectangle

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



118.3200, 4.2792, -66.0556



111.0320, 34.4942, -97.3751



141.3340, 3.7793, 47.9421



138.5260, -20.9653, 51.2817

Sweetspot

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



118.3200, 4.2792, -66.0556



186.5900, 1.6811, -25.9504



117.1160, -36.5392, -40.4437



93.1290, 0.9224, -15.8991



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.



118.3200, 4.2792, -66.0556



143.7730, 7.0139, -103.2869



105.0760, 24.6125, -54.4407



74.3800, 0.3057, -4.7183



94.1500, 5.3491, -82.5695



8.7710, 0.6059, -7.6922

Inverse Universe

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



79.6800, -4.2792, 66.0556



83.3410, -6.5771, 103.1869



92.9240, -24.6125, 54.4407



71.6200, -0.3057, 4.7183



45.8500, -5.3491, 82.5696



4.2290, -0.6059, 7.6922

Previews

White Background



This preview shows how the YUV color 118.3200, 4.2792, -66.0556 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 118.3200, 4.2792, -66.0556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

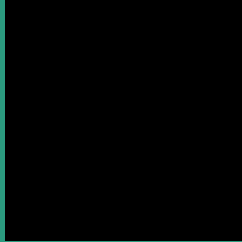
Any Text WCAG AA ✓ Pass

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 118.3200, 4.2792, -66.0556 Background



This preview shows how black text looks on a background with the YUV color 118.3200, 4.2792, -66.0556.



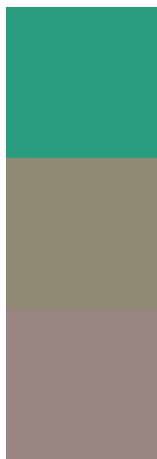
This preview shows how white text looks on a background with the YUV color 118.3200, 4.2792,

-66.0556.

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

118.3200, 4.2792, -66.0556

Protanopia

136.9270, -9.3310, 6.2030

Deuteranopia

138.5670, -3.2375, 11.7807



Tritanopia

124.7570, 18.3608, -55.9149

Trichromacy



Original Color

118.3200, 4.2792, -66.0556

Protanomaly

130.3150, -4.5923, -20.4473

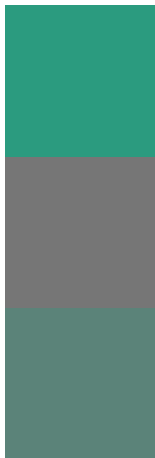
Deuteranomaly

131.0750, -0.5300, -16.7288

Tritanomaly

122.3560, 13.1355, -59.9482

Monochromacy



Original Color

118.3200, 4.2792, -66.0556

Achromatopsia

118.0000, 0.0000, 0.0000

Achromatomaly

117.9000, 1.5283, -23.5913

CSS Examples

Text

The CSS property to change the color of the text to YUV 118.3200, 4.2792, -66.0556 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(43, 155, 127)` looks like.

```
.text, #text, p{  
    color:rgb(43, 155, 127)  
}
```

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(43, 155, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 155, 127) }
```

Border

The CSS property to change the border of an element to YUV 118.3200, 4.2792, -66.0556 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(43, 155, 127) }
```


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

```
.border{ border-color:rgb(43, 155, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 155, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 155, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 155, 127);  
box-shadow:4px 4px 4px 4px rgb(43, 155,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 118.3200, 4.2792, -66.0556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 155, 127) }
```

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

```
.background{ background-color: rgb(43, 155,  
127) }
```

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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