

Converting Colors

YUV(120.1690, -0.0833,
-66.8002)

Have a look what the booklet for
YUV(120.1690, -0.0833, -66.8002)
contains.

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Color

**YUV(120.1690, -0.0833,
-66.8002)**

Conversions

Conversions Part 1

Format	Color
Hex	2C9F78
RGB	44, 159, 120
RGB Percent	17%, 62%, 47%
CMY	0.8275, 0.3765, 0.5294
CMYK	0.72, 0.00, 0.25, 0.38
HSL	160°, 57%, 40%
HSV	160°, 72%, 62%
XYZ	16.8270, 26.6878, 22.0337
YIQ	120.1690, -56.0210, -36.5090

Conversions

Conversions Part 2

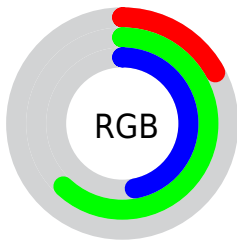
Format	Color
RYB	44, 113, 159
Decimal	2924408
CIELab	58.68, -41.16, 11.35
CIELCh	59, 42.696, 164.588
Yxy	26.6878, 0.2567, 0.4071
Android (android.graphics.Color)	4281114488 (0xFF2C9F78)
YUV	120.1690, -0.0833, -66.8002
Hunter-Lab	51.6602, -32.2636, 10.8743

Details

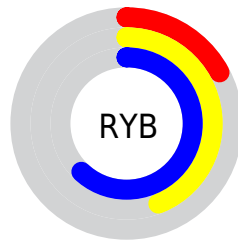
The YUV color **120.1690, -0.0833, -66.8002** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82.8310, 0.0833, 66.8002**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9200, -2.4256, -62.1968**, and **70.3160, 0.3372, -61.6671** is the 20% darker color. If you saturate the color by 10%, you get **114.8150, 0.0912, -76.1368**, and if you desaturate by 10%, it is **125.5230, -0.2578, -57.4637**.

Distribution



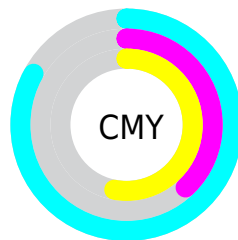
- Red (17%)
- Green (62%)
- Blue (47%)



- Red (17%)
- Yellow (44%)
- Blue (62%)



- Cyan (72%)
- Magenta (0%)
- Yellow (25%)
- Black (38%)



- Cyan (83%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 120.1690, -0.0833, -66.8002 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 120.1690, -0.0833, -66.8002 by changing the saturation by 10% instead.

■ 120.1690, -0.0833,
-66.8002

■ 120.1690, -0.0833,
-66.8002

■ 255.0000, 0.0000,
0.0000

■ 88.3140, 3.2962,
-77.4514

■ 176.9200, -2.4256,
-62.1968

■ 70.3160, 0.3372,
-61.6671

■ 205.8060, -2.8624,
-62.0969

■ 53.1330, -2.0376,
-46.5976

■ 224.4140, 1.7679,
-53.8601

■ 36.6510, -4.2649,
-32.1429

■ 236.1630, 9.2866,
-38.7310

■ 21.9470, -9.8339,
-19.2475

■ 245.1330, 4.8644,
-20.2876

■ 0.0000, 0.0000,
0.0000

■ 254.1030, 0.4422,

-1.8443

■ 120.1690, -0.0833,
-66.8002

■ 120.1690, -0.0833,
-66.8002

■ 114.8150, 0.0912,
-76.1368

■ 125.5230, -0.2578,
-57.4637

■ 109.3470, -0.1711,
-85.3733

■ 130.9910, 0.0044,
-48.2271

■ 105.3030, -0.1494,
-92.3507

■ 136.3450, -0.1701,
-38.8906

■ 141.8130, 0.0922,
-29.6540

■ 146.8680, 0.0651,
-20.9322

■ 152.2220, -0.1094,
-11.5957

■ 157.6900, 0.1528,
-2.3591

■ 163.0440, -0.0217,
6.9774

■ 168.5120, 0.2406,
16.2140

Harmonies

Analogous

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



131.2980, -22.3319, -23.9403



120.1690, -0.0833, -66.8002



112.0460, 23.1483, -98.2643

Triad

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



120.1690, -0.0833, -66.8002



139.4770, 36.7398, -24.0973



141.1090, -25.1967, 55.1554

Complementary

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



120.1690, -0.0833, -66.8002



82.8310, 0.0833, 66.8002

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.



142.0940, -8.9203, 61.3076



120.1690, -0.0833, -66.8002



145.2500, 24.5267, 19.9518

Square

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



120.1690, -0.0833, -66.8002



112.9190, 49.3399, -99.0300



144.3110, 8.7207, 49.7163



139.0560, -35.0306, 35.9079

Rectangle

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



120.1690, -0.0833, -66.8002



114.1950, 33.9209, -100.1490



144.3110, 8.7207, 49.7163



141.2110, -19.8240, 58.5740

Sweetspot

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



120.1690, -0.0833, -66.8002



191.4220, -0.2080, -26.6801



123.4650, -39.1762, -34.6108



95.4880, -0.2406, -16.2140



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



120.1690, -0.0833, -66.8002



146.2260, -0.1114, -104.5612



114.6360, 21.8715, -61.9478



76.2660, -0.1311, -4.6183



94.6570, -0.3239, -83.0142



9.9450, 0.0271, -8.7218

Inverse Universe

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



82.8310, 0.0833, 66.8002



87.7740, 0.1114, 104.5612



88.3640, -21.8715, 61.9478



73.7340, 0.1311, 4.6183



48.2290, -0.1129, 83.1142



5.0550, -0.0271, 8.7218

Previews

White Background



This preview shows how the YUV color 120.1690, -0.0833, -66.8002 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 120.1690, -0.0833, -66.8002 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 120.1690, -0.0833, -66.8002

Background



This preview shows how black text looks on a background with the YUV color 120.1690, -0.0833, -66.8002.



This preview shows how white text looks on a background with the YUV color 120.1690, -0.0833, -66.8002.

-66.8002.

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

120.1690, -0.0833, -66.8002

Protanopia

139.3850, -13.9938, 8.4324

Deuteranopia

141.0360, -7.9057, 15.7544



Tritanopia

128.0560, 18.2134, -55.3001

Trichromacy



Original Color

120.1690, -0.0833, -66.8002

Protanomaly

132.4740, -9.1077, -18.8327

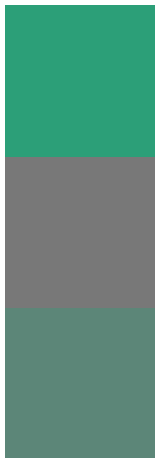
Deuteranomaly

133.5330, -5.1928, -14.4994

Tritanomaly

125.0140, 11.8251, -59.6483

Monochromacy



Original Color

120.1690, -0.0833, -66.8002

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.8460, 0.0759, -24.4209

CSS Examples

Text

The CSS property to change the color of the text to YUV 120.1690, -0.0833, -66.8002 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(44, 159, 120)` looks like.

```
.text, #text, p{  
    color:rgb(44, 159, 120)  
}
```

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(44, 159, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 159, 120) }
```

Border

The CSS property to change the border of an element to YUV 120.1690, -0.0833, -66.8002 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(44, 159, 120) }
```


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

```
.border{ border-color:rgb(44, 159, 120) }
```

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

Here you see how a box with a 4 pixel rgb(44, 159, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 159, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 159, 120);  
box-shadow:4px 4px 4px 4px rgb(44, 159,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 120.1690, -0.0833, -66.8002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 159, 120) }
```

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

```
.background{ background-color: rgb(44, 159,  
120) }
```

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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