

Converting Colors

YUV(89.2250, -5.0409, -63.3413)

Have a look what the booklet for
YUV(89.2250, -5.0409, -63.3413)
contains.

YUV(89.2250, -5.0409, -63.3413)	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(89.2250, -5.0409,
-63.3413)**

Conversions

Conversions Part 1

Format	Color
Hex	11804F
RGB	17, 128, 79
RGB Percent	7%, 50%, 31%
CMY	0.9333, 0.4980, 0.6902
CMYK	0.87, 0.00, 0.38, 0.50
HSL	154°, 77%, 28%
HSV	154°, 87%, 50%
XYZ	9.3616, 16.1220, 10.0156
YIQ	89.2250, -50.4270, -38.7710

Conversions

Conversions Part 2

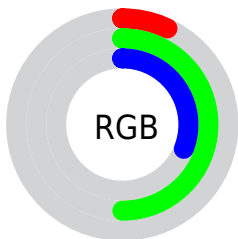
Format	Color
R_{YB}	17, 88, 128
Decimal	1146959
CIE _{Lab}	47.13, -41.22, 18.57
CIE _{LCh}	47, 45.211, 155.749
Yxy	16.1220, 0.2637, 0.4542
Android (android.graphics.Color)	4279337039 (0xFF11804F)
YUV	89.2250, -5.0409, -63.3413
Hunter-Lab	40.1522, -28.6486, 13.3173

Details

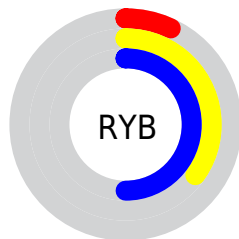
The YUV color **89.2250, -5.0409, -63.3413** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **55.7750, 5.0409, 63.3413**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.6560, -8.7044, -54.9493**, and **49.0750, -7.4320, -43.0388** is the 20% darker color. If you saturate the color by 10%, you get **84.6540, -5.7454, -70.7336**, and if you desaturate by 10%, it is **93.7960, -4.3364, -55.9491**.

Distribution



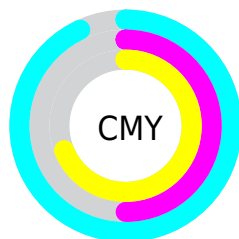
- Red (7%)
- Green (50%)
- Blue (31%)



- Red (7%)
- Yellow (35%)
- Blue (50%)



- Cyan (87%)
- Magenta (0%)
- Yellow (38%)
- Black (50%)



- Cyan (93%)
- Magenta (50%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 89.2250, -5.0409, -63.3413 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 89.2250, -5.0409, -63.3413 by changing the saturation by 10% instead.

■ 89.2250, -5.0409,
-63.3413

■ 89.2250, -5.0409,
-63.3413

■ 255.0000, 0.0000,
0.0000

■ 66.2580, -5.0572,
-58.1083

■ 146.6560, -8.7044,
-54.9493

■ 49.0750, -7.4320,
-43.0388

■ 174.4280, -9.5780,
-54.7494

■ 33.0660, -10.3855,
-28.9989

■ 202.3140,
-10.0148, -54.6494

■ 18.7840, -9.2605,
-16.4736

■ 223.7430, -7.2683,
-48.8866

■ 0.0000, 0.0000,
0.0000

■ 235.7200, 1.1240,
-33.9574

■ 246.3290, 4.2748,

-17.8285

■ 89.2250, -5.0409,
-63.3413

■ 89.2250, -5.0409,
-63.3413

■ 84.6540, -5.7454,
-70.7336

■ 93.7960, -4.3364,
-55.9491

■ 83.2300, -6.0294,
-72.9927

■ 98.2530, -4.0687,
-48.4569

■ 102.5250, -3.2168,
-41.6794

■ 107.0960, -2.5123,
-34.2872

■ 111.5530, -2.2446,
-26.7950

■ 116.1240, -1.5401,
-19.4027

■ 120.6950, -0.8356,
-12.0105

■ 124.8530, -0.4205,
-5.1331

■ 129.4240, 0.2840,
2.2592

Harmonies

Analogous

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



102.5720, -27.8900, -14.5336



89.2250, -5.0409, -63.3413



89.7620, 13.9213, -78.7213

Triad

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



89.2250, -5.0409, -63.3413



101.9900, 41.9099, -49.1032



110.0970, -20.2608, 58.6739

Complementary

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



89.2250, -5.0409, -63.3413



55.7750, 5.0409, 63.3413

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.



111.4020, -2.6632, 61.0374



89.2250, -5.0409, -63.3413



114.7260, 29.2221, 7.2563

Square

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



89.2250, -5.0409, -63.3413



93.4220, 43.1760, -81.9311



114.1730, 14.7047, 43.6983



109.1430, -33.5945, 41.9706

Rectangle

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



89.2250, -5.0409, -63.3413



92.7260, 25.2781, -81.3207



114.1730, 14.7047, 43.6983



110.0140, -14.3039, 61.3777

Sweetspot

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



89.2250, -5.0409, -63.3413



150.9770, -1.9607, -24.5358



97.1070, -39.4928, -26.4038



74.9720, -0.9722, -14.8844



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



89.2250, -5.0409, -63.3413



108.0440, -7.4167, -94.7546



91.2890, 18.0985, -65.1515



61.5650, -0.2785, -4.0035



83.2300, -6.0294, -72.9927



0.0000, 0.0000, 0.0000

Inverse Universe

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



55.7750, 5.0409, 63.3413



57.9560, 7.4167, 94.7546



53.7110, -18.0985, 65.1515



59.4350, 0.2785, 4.0035



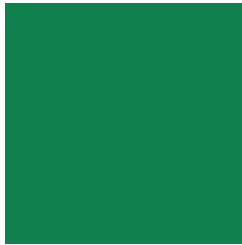
44.6560, 5.5926, 73.0927



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 89.2250, -5.0409, -63.3413 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 89.2250, -5.0409, -63.3413 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 89.2250, -5.0409, -63.3413

Background



This preview shows how black text looks on a background with the YUV color 89.2250, -5.0409, -63.3413.



This preview shows how white text looks on a background with the YUV color 89.2250, -5.0409,

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

89.2250, -5.0409, -63.3413

Protanopia

109.5440, -18.5092, 10.0469

Deuteranopia

111.5540, -13.5841, 17.0541



Tritanopia

101.0140, 15.2761, -46.4933

Trichromacy



Original Color

89.2250, -5.0409, -63.3413

Protanomaly

102.0460, -13.3337, -16.7033

Deuteranomaly

103.7630, -10.7292, -12.0702

Tritanomaly

96.7330, 8.0196, -52.3858

Monochromacy



Original Color

89.2250, -5.0409, -63.3413

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.9880, -1.9661, -22.7915

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2250, -5.0409, -63.3413 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(17, 128, 79)` looks like.

```
.text, #text, p{  
    color:rgb(17, 128, 79)  
}
```

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(17, 128, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 128, 79) }
```

Border

The CSS property to change the border of an element to YUV 89.2250, -5.0409, -63.3413 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(17, 128, 79) }
```


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

```
.border{ border-color:rgb(17, 128, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 128, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(17, 128, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(17, 128, 79);  
box-shadow:4px 4px 4px 4px rgb(17, 128,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 89.2250, -5.0409, -63.3413 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 128, 79) }
```

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

```
.background{ background-color: rgb(17, 128,  
79) }
```

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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