

Converting Colors

YUV(116.5250, -10.1188,
-67.9894)

Have a look what the booklet for
YUV(116.5250, -10.1188, -67.9894)
contains.

YUV(116.5250, -10.1188, -67.9894)	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(116.5250, -10.1188,
-67.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	27A060
RGB	39, 160, 96
RGB Percent	15%, 63%, 38%
CMY	0.8471, 0.3725, 0.6235
CMYK	0.76, 0.00, 0.40, 0.37
HSL	148°, 61%, 39%
HSV	148°, 76%, 63%
XYZ	15.5188, 26.4175, 15.3475
YIQ	116.5250, -51.5720, -45.5560

Conversions

Conversions Part 2

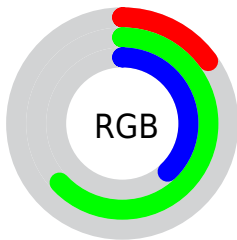
Format	Color
RYB	39, 121, 160
Decimal	2596960
CIELab	58.43, -47.54, 24.24
CIELCh	58, 53.368, 152.981
Yxy	26.4175, 0.2709, 0.4612
Android (android.graphics.Color)	4280787040 (0xFF27A060)
YUV	116.5250, -10.1188, -67.9894
Hunter-Lab	51.3979, -36.0510, 18.2745

Details

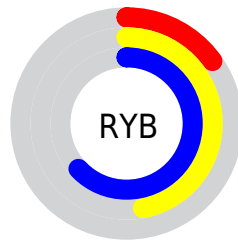
The YUV color **116.5250, -10.1188, -67.9894** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **82.4750, 10.1188, 67.9894**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **174.3470, -13.4821, -62.5713**, and **68.3950, -9.5617, -59.9824** is the 20% darker color. If you saturate the color by 10%, you get **110.8290, -11.2547, -77.0260**, and if you desaturate by 10%, it is **122.2210, -8.9830, -58.9528**.

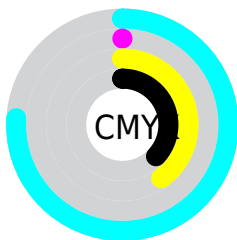
Distribution



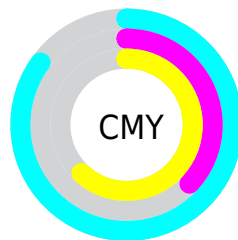
- Red (15%)
- Green (63%)
- Blue (38%)



- Red (15%)
- Yellow (47%)
- Blue (63%)



- Cyan (76%)
- Magenta (0%)
- Yellow (40%)
- Black (37%)



- Cyan (85%)
- Magenta (37%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 116.5250, -10.1188, -67.9894 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 116.5250, -10.1188, -67.9894 by changing the saturation by 10% instead.

■ 116.5250,
-10.1188, -67.9894

■ 116.5250,
-10.1188, -67.9894

■ 255.0000, 0.0000,
0.0000

■ 86.2790, -7.0395,
-75.6667

■ 174.3470,
-13.4821, -62.5713

■ 68.3950, -9.5617,
-59.9824

■ 203.1190,
-14.3557, -62.3714

■ 51.0980, -12.3733,
-44.8129

■ 220.7380, -9.7308,
-52.3902

■ 34.2740, -15.9111,
-30.0583

■ 232.7150, -1.3385,
-37.4611

■ 21.1320, -10.4181,
-18.5328

■ 244.2360, 5.3067,
-22.1320

■ 0.0000, 0.0000,
0.0000

■ 253.2060, 0.8844,

-3.6887

■ 116.5250,
-10.1188, -67.9894

■ 116.5250,
-10.1188, -67.9894

■ 110.8290,
-11.2547, -77.0260

■ 122.2210, -8.9830,
-58.9528

■ 105.0190,
-12.8274, -85.9627

■ 128.0310, -7.4103,
-50.0162

■ 102.4700,
-13.5427, -89.8662

■ 133.7270, -6.2744,
-40.9796

■ 139.5370, -4.7017,
-32.0429

■ 145.2330, -3.5659,
-23.0063

■ 151.0430, -1.9932,
-14.0697

■ 156.7390, -0.8573,
-5.0331

■ 162.5490, 0.7153,
3.9035

■ 168.2450, 1.8512,
12.9401

Harmonies

Analogous

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



129.5090, -35.7469, -14.4784



116.5250, -10.1188, -67.9894



112.0970, 15.7282, -98.3091

Triad

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



116.5250, -10.1188, -67.9894



123.4630, 54.4947, -72.3201



138.5010, -22.9250, 73.2286

Complementary

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



116.5250, -10.1188, -67.9894



82.4750, 10.1188, 67.9894

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.



140.5330, -1.2488, 74.0776



116.5250, -10.1188, -67.9894



143.1800, 37.3793, 4.2271

Square

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



116.5250, -10.1188, -67.9894



116.9940, 52.2610, -102.6037



143.8840, 19.7772, 50.0907



137.4990, -40.1790, 53.9364

Rectangle

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



116.5250, -10.1188, -67.9894



115.7450, 29.7057, -101.5084



143.8840, 19.7772, 50.0907



139.0590, -15.8051, 76.2473

Sweetspot

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



116.5250, -10.1188, -67.9894



191.7980, -3.8444, -27.0098



129.4620, -44.5978, -22.3302



94.2060, -2.5666, -16.8437



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.



116.5250, -10.1188, -67.9894



140.6760, -16.1093, -106.7099



123.3650, 16.0891, -73.9881



76.1520, -0.5679, -4.5183



91.5790, -12.1174, -80.3148



9.6030, -1.2833, -8.4218

Inverse Universe

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



82.4750, 10.1188, 67.9894



87.2100, 15.6725, 106.8098



75.6350, -16.0891, 73.9881



73.8480, 0.5679, 4.5183



51.4210, 12.1174, 80.3148



5.3970, 1.2833, 8.4218

Previews

White Background



This preview shows how the YUV color 116.5250, -10.1188, -67.9894 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 116.5250, -10.1188, -67.9894 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 116.5250, -10.1188, -67.9894 Background



This preview shows how black text looks on a background with the YUV color 116.5250, -10.1188, -67.9894.



This preview shows how white text looks on a background with the YUV color 116.5250, -10.1188, -67.9894.

-67.9894.

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

116.5250, -10.1188, -67.9894

Protanopia

137.0730, -24.1930, 13.0910

Deuteranopia

139.6210, -18.5472, 22.2574



Tritanopia

128.2520, 17.6238, -52.8410

Trichromacy



Original Color

116.5250, -10.1188, -67.9894

Protanomaly

129.8520, -19.1540, -16.5332

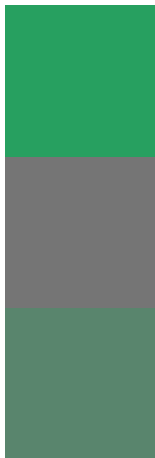
Deuteranomaly

130.9220, -15.2445, -10.4556

Tritanomaly

123.8740, 7.4571, -58.6485

Monochromacy



Original Color

116.5250, -10.1188, -67.9894

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.1080, -3.9972, -24.6507

CSS Examples

Text

The CSS property to change the color of the text to YUV 116.5250, -10.1188, -67.9894 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(39, 160, 96)` looks like.

```
.text, #text, p{  
    color:rgb(39, 160, 96)  
}
```

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(39, 160, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 160, 96) }
```

Border

The CSS property to change the border of an element to YUV 116.5250, -10.1188, -67.9894 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(39, 160, 96) }
```


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

```
.border{ border-color:rgb(39, 160, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 160, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 160, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 160, 96);  
box-shadow:4px 4px 4px 4px rgb(39, 160,  
96) }
```

Background

The CSS property to change the background color of an element to YUV 116.5250, -10.1188, -67.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 160, 96) }
```

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

```
.background{ background-color: rgb(39, 160,  
96) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor