

Converting Colors

YUV(108.9650, -53.7197,
57.0357)

Have a look what the booklet for
YUV(108.9650, -53.7197, 57.0357)
contains.

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Color

**YUV(108.9650, -53.7197,
57.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	AE6100
RGB	174, 97, 0
RGB Percent	68%, 38%, 0%
CMY	0.3176, 0.6196, 1.0000
CMYK	0.00, 0.44, 1.00, 0.32
HSL	33°, 100%, 34%
HSV	33°, 100%, 68%
XYZ	21.7303, 17.5481, 2.2418
YIQ	108.9650, 77.0290, -13.8430

Conversions

Conversions Part 2

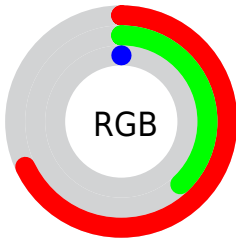
Format	Color
R_{YB}	138, 174, 0
Decimal	11428096
CIE Lab	48.94, 25.81, 57.15
CIE LCh	49, 62.711, 65.699
Yxy	17.5481, 0.5234, 0.4226
Android (android.graphics.Color)	4289618176 (0xFFAE6100)
YUV	108.9650, -53.7197, 57.0357
Hunter-Lab	41.8904, 19.2870, 26.1503

Details

The YUV color **108.9650, -53.7197, 57.0357** is a dark color, and the websafe version is hex **CC6600**. A complement of this color would be **65.0350, 53.7197, -57.0357**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2090, -50.3890, 62.0837**, and **63.1480, -31.1320, 45.4742** is the 20% darker color. If you saturate the color by 10%, you get **108.9650, -53.7197, 57.0357**, and if you desaturate by 10%, it is **115.5990, -48.6093, 51.2177**.

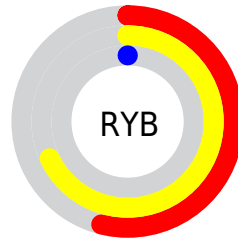
Distribution



Red (68%)

Green (38%)

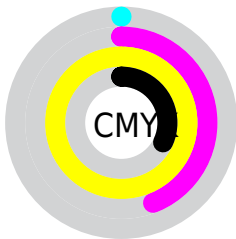
Blue (0%)



Red (54%)

Yellow (68%)

Blue (0%)

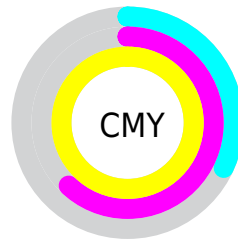


Cyan (0%)

Magenta (44%)

Yellow (100%)

Black (32%)



Cyan (32%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.9650, -53.7197, 57.0357 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 108.9650, -53.7197, 57.0357 by changing the saturation by 10% instead.


 108.9650,
-53.7197, 57.0357


 108.9650,
-53.7197, 57.0357


254.8860, -0.4368,
0.1000

 85.9070, -42.3522,
50.9476


 164.2090,
-50.3890, 62.0837


 63.1480, -31.1320,
45.4742


 189.0020,
-49.7940, 57.8802

 41.5630, -20.4906,
38.9712

 208.4020,
-46.5402, 40.8664

 19.9890, -9.8546,
34.2126

 227.9160,
-42.8496, 23.7527


 10.5790, -4.7224,
21.4172

 245.0820,
-38.0014, 8.6981


 0.0000, 0.0000,
0.0000


 248.2740,


-25.7711, 5.8987


 251.4660,
-13.5407, 3.0993

 108.9650,
-53.7197, 57.0357

 115.5990,
-48.6093, 51.2177

 121.7600,
-42.7727, 45.8145

 128.3940,
-37.6622, 39.9965

 135.1420,
-32.1150, 34.0785

 141.7760,
-27.0046, 28.2604

■ 147.8230,
-21.6047, 22.9572

■ 154.5710,
-16.0575, 17.0392

■ 161.2050,
-10.9471, 11.2212

■ 167.3660, -5.1104,
5.8180

Harmonies

Analogous

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



109.1600, -25.7149, 81.4207



108.9650, -53.7197, 57.0357



107.8480, -53.1691, 20.3043

Triad

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



108.9650, -53.7197, 57.0357



96.4300, 14.0850, -84.5691



118.6520, 41.5836, 9.0752

Complementary

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



108.9650, -53.7197, 57.0357



65.0350, 53.7197, -57.0357

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.



95.8620, 62.6790, -84.0710



108.9650, -53.7197, 57.0357



101.7710, 37.0879, -89.2532

Square

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



108.9650, -53.7197, 57.0357



88.3990, -9.0707, -77.5259



102.3530, 54.5490, -89.7636



115.3570, 22.5020, 62.8309

Rectangle

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



108.9650, -53.7197, 57.0357



103.2530, -50.9037, -6.3609



102.3530, 54.5490, -89.7636



115.5070, 48.0640, -16.2306

Sweetspot

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



108.9650, -53.7197, 57.0357



201.6380, -21.0205, 22.2425



60.9180, 8.4214, 99.1729



99.0590, -12.8471, 13.9803



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



108.9650, -53.7197, 57.0357



142.4220, -70.2140, 74.1749



151.4730, -74.6762, 11.8632



83.6260, -2.7736, 2.9590



94.1580, -46.4199, 48.9734



14.5080, -7.1524, 7.4475

Inverse Universe

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



65.0350, 53.7197, -57.0357



84.5780, 70.2140, -74.1749



22.5270, 74.6762, -11.8632



81.3740, 2.7736, -2.9590



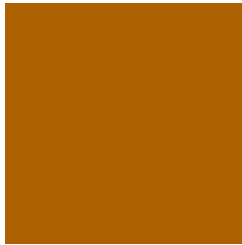
56.4290, 46.1305, -49.4882



8.4920, 7.1524, -7.4475

Previews

White Background



This preview shows how the YUV color 108.9650, -53.7197, 57.0357 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 108.9650, -53.7197, 57.0357 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 108.9650, -53.7197, 57.0357

Background



This preview shows how black text looks on a background with the YUV color 108.9650, -53.7197, 57.0357.



This preview shows how white text looks on a background with the YUV color 108.9650, -53.7197, 57.0357.

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

108.9650, -53.7197, 57.0357

Protanopia

109.7430, -47.2013, 19.5194

Deuteranopia

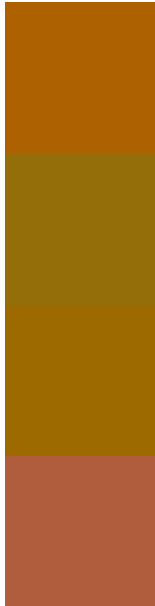
109.4090, -53.9386, 33.8443



Tritanopia

116.8110, -9.7668, 52.7858

Trichromacy



Original Color

108.9650, -53.7197, 57.0357

Protanomaly

109.5490, -49.5707, 32.8445

Deuteranomaly

109.1650, -53.8183, 41.9513

Tritanomaly

114.2830, -25.7755, 54.1258

Monochromacy



Original Color

108.9650, -53.7197, 57.0357

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2680, -19.8521, 20.8130

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.9650, -53.7197, 57.0357 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(174, 97, 0)` looks like.

```
.text, #text, p{  
    color:rgb(174, 97, 0)  
}
```

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(174, 97, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 97, 0) }
```

Border

The CSS property to change the border of an element to YUV 108.9650, -53.7197, 57.0357 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(174, 97, 0) }
```


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

```
.border{ border-color:rgb(174, 97, 0) }
```

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

Here you see how a box with a 4 pixel rgb(174, 97, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 97, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 97, 0);  
box-shadow:4px 4px 4px 4px rgb(174, 97, 0)  
}
```

Background

The CSS property to change the background color of an element to YUV 108.9650, -53.7197, 57.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 97, 0) }
```

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

```
.background{ background-color: rgb(174, 97,  
0) }
```

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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