

Converting Colors

YUV(167.8660, -50.2199,
54.4915)

Have a look what the booklet for
YUV(167.8660, -50.2199, 54.4915)
contains.

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Color

**YUV(167.8660, -50.2199,
54.4915)**

Conversions

Conversions Part 1

Format	Color
Hex	E69C42
RGB	230, 156, 66
RGB Percent	90%, 61%, 26%
CMY	0.0980, 0.3882, 0.7412
CMYK	0.00, 0.32, 0.71, 0.10
HSL	33°, 77%, 58%
HSV	33°, 71%, 90%
XYZ	45.5050, 40.9933, 10.6684
YIQ	167.8660, 72.9940, -12.3020

Conversions

Conversions Part 2

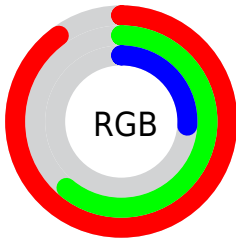
Format	Color
R_{YB}	201, 230, 66
Decimal	15113282
CIE _{Lab}	70.17, 19.72, 56.37
CIE _{LCh}	70, 59.719, 70.716
Yxy	40.9933, 0.4683, 0.4219
Android (android.graphics.Color)	4293303362 (0xFFE69C42)
YUV	167.8660, -50.2199, 54.4915
Hunter-Lab	64.0260, 14.8192, 34.9390

Details

The YUV color **167.8660, -50.2199, 54.4915** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **128.1340, 50.2199, -54.4915**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **213.5540, -47.1081, 36.3481**, and **113.1490, -52.8245, 49.8583** is the 20% darker color. If you saturate the color by 10%, you get **159.3740, -57.3724, 61.9390**, and if you desaturate by 10%, it is **176.3580, -43.0675, 47.0440**.

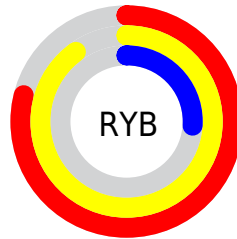
Distribution



Red (90%)

Green (61%)

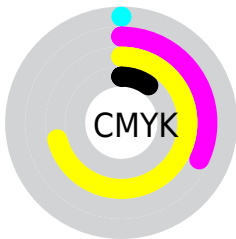
Blue (26%)



Red (79%)

Yellow (90%)

Blue (26%)

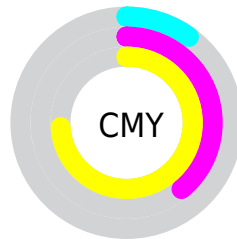


Cyan (0%)

Magenta (32%)

Yellow (71%)

Black (10%)



Cyan (10%)

Magenta (39%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.8660, -50.2199, 54.4915 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 167.8660, -50.2199, 54.4915 by changing the saturation by 10% instead.

■ 167.8660,
-50.2199, 54.4915

■ 167.8660,
-50.2199, 54.4915

■ 255.0000, 0.0000,
0.0000

■ 140.5560,
-50.0671, 52.1324

■ 213.5540,
-47.1081, 36.3481

■ 113.1490,
-52.8245, 49.8583

■ 233.0680,
-43.4175, 19.2344

■ 88.8200, -43.7883,
44.8849

■ 245.6520,
-35.8174, 8.1982

■ 66.9470, -33.0049,
39.5115

■ 248.8440,
-23.5871, 5.3988

■ 45.3620, -22.3635,
33.0085

■ 252.0360,
-11.3567, 2.5994

■ 24.9620, -12.3063,
27.2203

■ 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,
0.0000

■ 167.8660,
-50.2199, 54.4915

■ 167.8660,
-50.2199, 54.4915

■ 159.3740,
-57.3724, 61.9390

■ 176.3580,
-43.0675, 47.0440

■ 150.2950,
-64.2354, 69.9013

■ 185.4370,
-36.2044, 39.0818

■ 142.7320,
-70.3669, 76.5340

■ 193.9290,
-29.0520, 31.6343

■ 203.0080,
-22.1889, 23.6720

■ 211.5000,
-15.0365, 16.2245

■ 219.9920, -7.8841,
8.7770

■ 229.0710, -1.0210,
0.8147

■ 237.5630, 6.1314,
-6.6328

■ 244.0030, 5.4215,
-12.2806

Harmonies

Analogous

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



167.2320, -31.6664, 76.9725



167.8660, -50.2199, 54.4915



163.9400, -52.7214, 16.7156

Triad

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



167.8660, -50.2199, 54.4915



137.8860, 25.6922, -120.9260



176.2190, 38.3460, 20.8559

Complementary

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



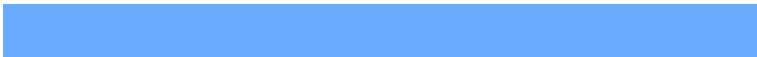
167.8660, -50.2199, 54.4915



128.1340, 50.2199, -54.4915

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.



161.1410, 46.2725, -48.3587



167.8660, -50.2199, 54.4915



142.5260, 48.5477, -124.9953

Square

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



167.8660, -50.2199, 54.4915



130.3280, 1.8103, -114.2977



138.8390, 57.2674, -121.7618



174.8970, 16.8128, 67.6193

Rectangle

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



167.8660, -50.2199, 54.4915



159.5710, -43.1725, -12.7788



138.8390, 57.2674, -121.7618



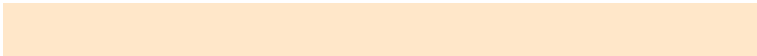
173.5540, 40.1529, 1.2681

Sweetspot

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



167.8660, -50.2199, 54.4915



234.7560, -16.6417, 17.7540



123.8140, 9.4587, 93.1251



115.5470, -9.6367, 10.9213



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



167.8660, -50.2199, 54.4915



171.9210, -67.0091, 72.8603



209.8090, -70.8978, 13.3225



110.6970, -3.7946, 3.7737



111.0470, -54.7462, 59.5948



31.6850, -15.6207, 16.9393

Inverse Universe

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



128.1340, 50.2199, -54.4915



119.0790, 67.0091, -72.8603



86.1910, 70.8978, -13.3225



107.3030, 3.7946, -3.7737



67.9530, 54.7462, -59.5948



19.3150, 15.6207, -16.9393

Previews

White Background



This preview shows how the YUV color 167.8660, -50.2199, 54.4915 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 167.8660, -50.2199, 54.4915 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 167.8660, -50.2199, 54.4915 Background



This preview shows how black text looks on a background with the YUV color 167.8660, -50.2199, 54.4915.



This preview shows how white text looks on a background with the YUV color 167.8660, -50.2199, 54.4915.

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

167.8660, -50.2199, 54.4915

Protanopia

166.1670, -46.9173, 21.7785

Deuteranopia

166.9630, -50.7608, 41.2514



Tritanopia

174.1640, -8.4619, 54.2302

Trichromacy



Original Color

167.8660, -50.2199, 54.4915

Protanomaly

166.6030, -48.1183, 33.6742

Deuteranomaly

167.1100, -50.3402, 46.3845

Tritanomaly

172.1520, -23.7389, 54.2407

Monochromacy



Original Color

167.8660, -50.2199, 54.4915

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.3110, -18.3943, 19.8983

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.8660, -50.2199, 54.4915 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(230, 156, 66)` looks like.

```
.text, #text, p{  
    color:rgb(230, 156, 66)  
}
```

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(230, 156, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 156, 66) }
```

Border

The CSS property to change the border of an element to YUV 167.8660, -50.2199, 54.4915 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(230, 156, 66) }
```


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

```
.border{ border-color:rgb(230, 156, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 156, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 156, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 156, 66);  
box-shadow:4px 4px 4px 4px rgb(230, 156,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 167.8660, -50.2199, 54.4915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 156, 66) }
```

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

```
.background{ background-color: rgb(230,  
156, 66) }
```

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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