

Converting Colors

YUV(168.6090, -50.5862,
31.9149)

Have a look what the booklet for
YUV(168.6090, -50.5862, 31.9149)
contains.

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Color

**YUV(168.6090, -50.5862,
31.9149)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAA42
RGB	205, 170, 66
RGB Percent	80%, 67%, 26%
CMY	0.1961, 0.3333, 0.7412
CMYK	0.00, 0.17, 0.68, 0.20
HSL	45°, 58%, 53%
HSV	45°, 68%, 80%
XYZ	40.5349, 42.1219, 11.1482
YIQ	168.6090, 54.2440, -24.9240

Conversions

Conversions Part 2

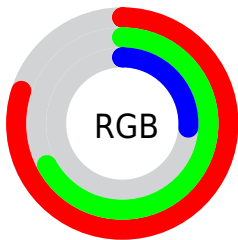
Format	Color
RYB	113, 205, 66
Decimal	13478466
CIELab	70.95, 1.55, 56.36
CIELCh	71, 56.379, 88.423
Yxy	42.1219, 0.4321, 0.4490
Android (android.graphics.Color)	4291668546 (0xFFCDAA42)
YUV	168.6090, -50.5862, 31.9149
Hunter-Lab	64.9014, -2.0932, 35.2467

Details

The YUV color **168.6090, -50.5862, 31.9149** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **102.3910, 50.5862, -31.9149**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8860, -50.7228, 29.0410**, and **113.5610, -54.5066, 29.3260** is the 20% darker color. If you saturate the color by 10%, you get **163.2800, -58.3120, 36.5884**, and if you desaturate by 10%, it is **173.8240, -43.2972, 27.3414**.

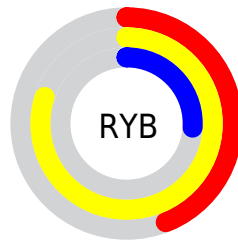
Distribution



Red (80%)

Green (67%)

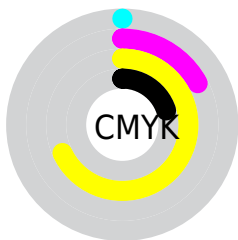
Blue (26%)



Red (44%)

Yellow (80%)

Blue (26%)

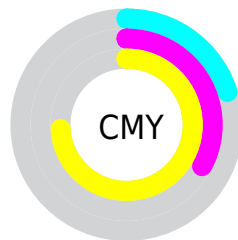


Cyan (0%)

Magenta (17%)

Yellow (68%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.6090, -50.5862, 31.9149 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 168.6090, -50.5862, 31.9149 by changing the saturation by 10% instead.

■ 168.6090,
-50.5862, 31.9149

■ 168.6090,
-50.5862, 31.9149

255.0000, 0.0000,
0.0000

■ 141.5980,
-50.5808, 30.1706

■ 221.8860,
-50.7228, 29.0410

■ 113.5610,
-54.5066, 29.3260

■ 241.9870,
-47.3216, 11.4124

■ 90.7590, -44.7442,
24.7674

■ 245.6520,
-35.8174, 8.1982

■ 68.5980, -33.8188,
20.5236

■ 248.9580,
-23.1503, 5.2988

■ 47.6110, -23.4722,
15.2502

■ 252.1500,
-10.9200, 2.4994

■ 28.3960, -13.9992,
10.1767

■ 3.8650, -1.9054,

4.5034

■ 0.0000, 0.0000,
0.0000

■ 168.6090,
-50.5862, 31.9149

■ 168.6090,
-50.5862, 31.9149

■ 163.2800,
-58.3120, 36.5884

■ 173.8240,
-43.2972, 27.3414

■ 158.0650,
-65.6010, 41.1620

■ 179.1530,
-35.5714, 22.6678

■ 152.7360,
-73.3268, 45.8355

■ 184.3680,
-28.2824, 18.0943

■ 151.1060,
-74.4953, 47.2650

■ 190.2840,
-20.8460, 12.9059

■ 195.6130,
-13.1202, 8.2324

■ 200.8280, -5.8312,
3.6588

■ 206.1570, 1.8946,
-1.0147

■ 211.3720, 9.1836,
-5.5882

■ 216.7010, 16.9094,
-10.2618

Harmonies

Analogous

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



171.8100, -41.8113, 64.1876



168.6090, -50.5862, 31.9149



163.6470, -41.7310, -8.4604

Triad

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



168.6090, -50.5862, 31.9149



141.4200, 39.2329, -124.0253



178.7250, 24.2926, 48.4762

Complementary

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



168.6090, -50.5862, 31.9149



102.3910, 50.5862, -31.9149

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.



175.0050, 39.4375, -2.6354



168.6090, -50.5862, 31.9149



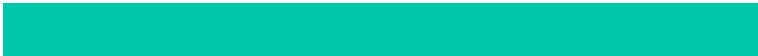
142.3610, 55.5310, -124.8506

Square

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



168.6090, -50.5862, 31.9149



136.0790, 16.2301, -119.3413



151.1750, 51.1857, -84.3455



172.3740, 3.2666, 72.4630

Rectangle

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



168.6090, -50.5862, 31.9149



157.9340, -27.0825, -40.2841



151.1750, 51.1857, -84.3455



178.7600, 31.1773, 33.5365

Sweetspot

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



168.6090, -50.5862, 31.9149



241.5550, -18.5146, 11.7913



111.7790, -4.3280, 81.7548



119.7700, -11.2256, 7.2177



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.



168.6090, -50.5862, 31.9149



200.8780, -75.3689, 47.4650



179.5860, -55.9979, -5.7759



99.0990, -3.4998, 2.5442



122.4220, -60.3540, 38.2179



28.3850, -13.9938, 8.4324

Inverse Universe

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



102.3910, 50.5862, -31.9149



102.1220, 75.3689, -47.4650



91.4140, 55.9979, 5.7759



94.3140, 3.7892, -2.0294



43.5780, 60.3540, -38.2179



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 168.6090, -50.5862, 31.9149 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 168.6090, -50.5862, 31.9149 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 168.6090, -50.5862, 31.9149

Background



This preview shows how black text looks on a background with the YUV color 168.6090, -50.5862, 31.9149.



This preview shows how white text looks on a background with the YUV color 168.6090, -50.5862, 31.9149.

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

168.6090, -50.5862, 31.9149

Protanopia

167.7820, -49.6855, 22.9932

Deuteranopia

169.0770, -50.3240, 41.1515



Tritanopia

176.6280, -2.2816, 31.8982

Trichromacy



Original Color

168.6090, -50.5862, 31.9149

Protanomaly

168.3910, -49.9858, 25.9671

Deuteranomaly

169.0550, -50.3131, 37.6628

Tritanomaly

173.6330, -20.0321, 31.8939

Monochromacy



Original Color

168.6090, -50.5862, 31.9149

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.6690, -18.0778, 11.6913

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.6090, -50.5862, 31.9149 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(205, 170, 66)` looks like.

```
.text, #text, p{  
    color:rgb(205, 170, 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(205, 170, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 170, 66) }
```

Border

The CSS property to change the border of an element to YUV 168.6090, -50.5862, 31.9149 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(205, 170, 66) }
```


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

```
.border{ border-color:rgb(205, 170, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 170, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 170, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 170, 66);  
box-shadow:4px 4px 4px 4px rgb(205, 170,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 168.6090, -50.5862, 31.9149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 170, 66) }
```

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

```
.background{ background-color: rgb(205,  
170, 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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