

Converting Colors

YUV(162.5560, -53.5181,
38.9774)

Have a look what the booklet for
YUV(162.5560, -53.5181, 38.9774)
contains.

YUV(162.5560, -53.5181, 38.9774)	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(162.5560, -53.5181,
38.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA136
RGB	207, 161, 54
RGB Percent	81%, 63%, 21%
CMY	0.1882, 0.3686, 0.7882
CMYK	0.00, 0.22, 0.74, 0.19
HSL	42°, 61%, 51%
HSV	42°, 74%, 81%
XYZ	39.1429, 39.0215, 8.9589
YIQ	162.5560, 61.7630, -23.5250

Conversions

Conversions Part 2

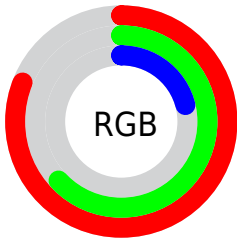
Format	Color
RYB	120, 207, 54
Decimal	13607222
CIELab	68.77, 6.62, 59.16
CIElCh	69, 59.531, 83.611
Yxy	39.0215, 0.4493, 0.4479
Android (android.graphics.Color)	4291797302 (0xFFCFA136)
YUV	162.5560, -53.5181, 38.9774
Hunter-Lab	62.4672, 2.5332, 35.2238

Details

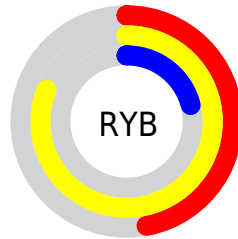
The YUV color **162.5560, -53.5181, 38.9774** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **98.4440, 53.5181, -38.9774**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.2350, -53.3599, 34.8739**, and **108.8220, -53.6492, 34.3591** is the 20% darker color. If you saturate the color by 10%, you get **156.6400, -60.9545, 44.1657**, and if you desaturate by 10%, it is **168.4720, -46.0817, 33.7891**.

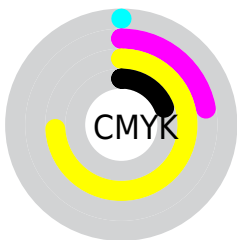
Distribution



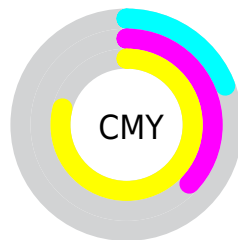
- Red (81%)
- Green (63%)
- Blue (21%)



- Red (47%)
- Yellow (81%)
- Blue (21%)



- Cyan (0%)
- Magenta (22%)
- Yellow (74%)
- Black (19%)



- Cyan (19%)
- Magenta (37%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.5560, -53.5181, 38.9774 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 162.5560, -53.5181, 38.9774 by changing the saturation by 10% instead.

■ 162.5560,
-53.5181, 38.9774

■ 162.5560,
-53.5181, 38.9774

■ 255.0000, 0.0000,
0.0000

■ 134.9040,
-54.6757, 36.9182

■ 215.2350,
-53.3599, 34.8739

■ 108.8220,
-53.6492, 34.3591

■ 234.7490,
-49.6693, 17.7601

■ 86.3620, -42.5765,
29.5005

■ 244.3980,
-40.6222, 9.2980

■ 64.4890, -31.7931,
24.1271

■ 247.5900,
-28.3919, 6.4986

■ 43.5020, -21.4465,
18.8537

■ 250.7820,
-16.1615, 3.6992

■ 24.2870, -11.9735,
13.7803

■ 254.0880, -3.4944,

■ 0.8970, -0.4422,

0.7998

1.8443

■ 0.0000, 0.0000,
0.0000

■ 162.5560,
-53.5181, 38.9774

■ 162.5560,
-53.5181, 38.9774

■ 156.6400,
-60.9545, 44.1657

■ 168.4720,
-46.0817, 33.7891

■ 150.8380,
-67.9541, 49.2541

■ 174.2740,
-39.0821, 28.7007

■ 147.0080,
-72.4749, 52.6130

■ 180.7770,
-31.9351, 22.9976

■ 186.6930,
-24.4986, 17.8092

■ 192.6090,
-17.0622, 12.6209

■ 198.4110,
-10.0626, 7.5326

■ 204.9140, -2.9156,
1.8294

■ 210.8300, 4.5208,
-3.3589

■ 216.6320, 11.5204,
-8.4473

Harmonies

Analogous

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



165.0820, -40.9594, 70.9651



162.5560, -53.5181, 38.9774



157.8990, -47.2782, -2.5424

Triad

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



162.5560, -53.5181, 38.9774



137.7040, 35.1489, -120.7664



172.9570, 29.1082, 43.8877

Complementary

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



162.5560, -53.5181, 38.9774



98.4440, 53.5181, -38.9774

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.



166.6660, 43.5487, -14.6161



162.5560, -53.5181, 38.9774



139.8990, 56.2518, -122.6914

Square

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



162.5560, -53.5181, 38.9774



130.8470, 11.4144, -114.7528



132.9690, 60.1613, -116.6138



167.4330, 7.1815, 76.7963

Rectangle

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



162.5560, -53.5181, 38.9774



152.1860, -32.6297, -34.3661



132.9690, 60.1613, -116.6138



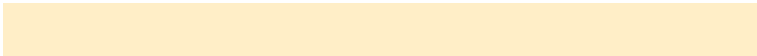
172.6820, 36.1458, 26.5889

Sweetspot

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



162.5560, -53.5181, 38.9774



238.6370, -19.5410, 14.3504



105.2190, -1.5870, 89.2619



118.2540, -11.9572, 8.5472



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.



162.5560, -53.5181, 38.9774



189.2060, -79.4746, 57.7013



181.1860, -62.7027, -1.9171



101.3980, -3.6472, 3.1590



119.4980, -58.9125, 42.5363



29.2820, -14.4360, 10.2767

Inverse Universe

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



98.4440, 53.5181, -38.9774



93.7940, 79.4746, -57.7013



79.8140, 62.7027, 1.9171



97.0150, 3.9366, -2.6442



49.0890, 58.6231, -43.0511



11.7180, 14.4360, -10.2767

Previews

White Background



This preview shows how the YUV color 162.5560, -53.5181, 38.9774 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 162.5560, -53.5181, 38.9774 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 162.5560, -53.5181, 38.9774

Background



This preview shows how black text looks on a background with the YUV color 162.5560, -53.5181, 38.9774.



This preview shows how white text looks on a background with the YUV color 162.5560, -53.5181, 38.9774.

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

162.5560, -53.5181, 38.9774

Protanopia

161.2120, -51.8695, 23.4931

Deuteranopia

162.9800, -53.2341, 41.2365



Tritanopia

171.0910, -4.4819, 37.6312

Trichromacy



Original Color

162.5560, -53.5181, 38.9774

Protanomaly

161.4300, -52.4700, 29.4409

Deuteranomaly

162.6810, -53.0867, 40.6218

Tritanomaly

168.0960, -22.2323, 37.6268

Monochromacy



Original Color

162.5560, -53.5181, 38.9774

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.6370, -19.5410, 14.3504

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.5560, -53.5181, 38.9774 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(207, 161, 54)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 54)  
}
```

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(207, 161, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 54) }
```

Border

The CSS property to change the border of an element to YUV 162.5560, -53.5181, 38.9774 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(207, 161, 54) }
```


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

```
.border{ border-color:rgb(207, 161, 54) }
```

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

Here you see how a box with a 4 pixel rgb(207, 161, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 161, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 161, 54);  
box-shadow:4px 4px 4px 4px rgb(207, 161,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 162.5560, -53.5181, 38.9774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 161, 54) }
```

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

```
.background{ background-color: rgb(207,  
161, 54) }
```

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