

Converting Colors

YUV(210.5560, -53.5181,
38.9774)

Have a look what the booklet for
YUV(210.5560, -53.5181, 38.9774)
contains.

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Color

**YUV(210.5560, -53.5181,
38.9774)**

Conversions

Conversions Part 1

Format	Color
Hex	FFD166
RGB	255, 209, 102
RGB Percent	100%, 82%, 40%
CMY	0.0000, 0.1804, 0.6000
CMYK	0.00, 0.18, 0.60, 0.00
HSL	42°, 100%, 70%
HSV	42°, 60%, 100%
XYZ	66.4387, 67.8202, 22.1593
YIQ	210.5560, 61.7630, -23.5250

Conversions

Conversions Part 2

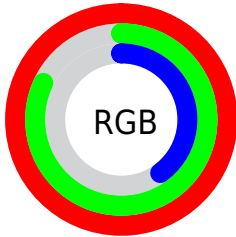
Format	Color
R _Y B	168, 255, 102
Decimal	16765286
CIE Lab	85.92, 4.45, 58.08
CIE LCh	86, 58.246, 85.621
Yxy	67.8202, 0.4248, 0.4336
Android (android.graphics.Color)	4294955366 (0xFFFFD166)
YUV	210.5560, -53.5181, 38.9774
Hunter-Lab	82.3530, -0.1120, 41.6936

Details

The YUV color $210.5560, -53.5181, 38.9774$ is a light color, and the websafe version is hex FFCC66 . A complement of this color would be $146.4440, 53.5181, -38.9774$, and the grayscale version is $211.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $243.7140, -43.2430, 9.8978$, and $154.8760, -52.1969, 35.1887$ is the 20% darker color. If you saturate the color by 10%, you get $203.0100, -62.1229, 45.5952$, and if you desaturate by 10%, it is $218.2160, -44.4765, 32.2596$.

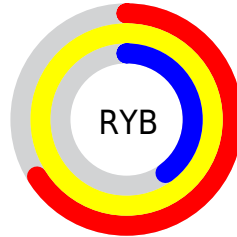
Distribution



Red (100%)

Green (82%)

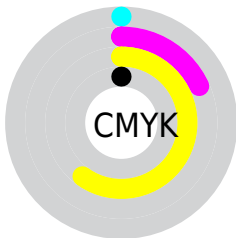
Blue (40%)



Red (66%)

Yellow (100%)

Blue (40%)

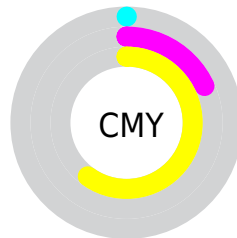


Cyan (0%)

Magenta (18%)

Yellow (60%)

Black (0%)



Cyan (0%)

Magenta (18%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 210.5560, -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 210.5560, -53.5181, 38.9774 by changing the saturation by 10% instead.

210.5560,
-53.5181, 38.9774

210.5560,
-53.5181, 38.9774

255.0000, 0.0000,
0.0000

182.7730,
-52.6391, 37.0331

243.7140,
-43.2430, 9.8978

154.8760,
-52.1969, 35.1887

246.9060,
-31.0127, 7.0984

127.2950,
-54.3754, 33.9443

250.0980,
-18.7823, 4.2991

102.0110,
-50.2914, 30.6854

253.4040, -6.1152,
1.3997

79.5510, -39.2186,
25.8268

58.5640, -28.8721,
20.5534

37.5770, -18.5255,

15.2800

■ 18.6610, -9.1999,
10.8213

■ 0.0000, 0.0000,
0.0000

■ 210.5560,
-53.5181, 38.9774

■ 210.5560,
-53.5181, 38.9774

■ 203.0100,
-62.1229, 45.5952

■ 218.2160,
-44.4765, 32.2596

■ 195.9370,
-71.4539, 51.7983

■ 225.1750,
-35.5823, 26.1565

■ 188.2770,
-80.4956, 58.5161

■ 232.8350,
-26.5407, 19.4387

■ 180.7310,
-89.1004, 65.1339

■ 240.3810,
-17.9358, 12.8209

■ 247.4540, -8.6048,
6.6178

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



201.4380, -37.6839, 46.9739



210.5560, -53.5181, 38.9774



205.2300, -45.9624, -4.5867

Triad

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



210.5560, -53.5181, 38.9774



171.1240, 41.3509, -150.0757



212.1490, 21.1255, 37.5803

Complementary

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



210.5560, -53.5181, 38.9774



146.4440, 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.



210.4120, 21.9819, -3.8693



210.5560, -53.5181, 38.9774



167.6020, 43.0872, -146.9870

Square

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



210.5560, -53.5181, 38.9774



166.0110, 19.2216, -145.5916



188.6750, 32.6982, -81.2760



201.0980, 11.7837, 47.2721

Rectangle

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



210.5560, -53.5181, 38.9774



199.9900, -32.0401, -36.8252



188.6750, 32.6982, -81.2760



216.2580, 19.0998, 33.9767

Sweetspot

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



210.5560, -53.5181, 38.9774



241.5380, -16.0412, 11.8062



153.2190, -1.5870, 89.2619



119.4110, -10.0626, 7.5326



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.



210.5560, -53.5181, 38.9774



201.7390, -64.4543, 46.7099



229.1860, -62.7027, -1.9171



124.1700, -4.5208, 3.3589



135.7670, -66.9331, 48.4393



45.5510, -22.4566, 16.1798

Inverse Universe

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



146.4440, 53.5181, -38.9774



124.8480, 64.1649, -47.2247



127.8140, 62.7027, 1.9171



118.8300, 4.5208, -3.3589



55.2330, 66.9331, -48.4393



18.4490, 22.4566, -16.1798

Previews

White Background



This preview shows how the YUV color 210.5560, -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 210.5560, -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 210.5560, -53.5181, 38.9774 Background



This preview shows how black text looks on a background with the YUV color 210.5560, -53.5181, 38.9774.



This preview shows how white text looks on a background with the YUV color 210.5560, -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

210.5560, -53.5181, 38.9774

Protanopia

209.2230, -51.8749, 25.2374

Deuteranopia

213.4860, -37.2146, 36.4078



Tritanopia

218.5140, -2.7184, 31.9982

Trichromacy



Original Color

210.5560, -53.5181, 38.9774

Protanomaly

209.7290, -52.6174, 30.0557

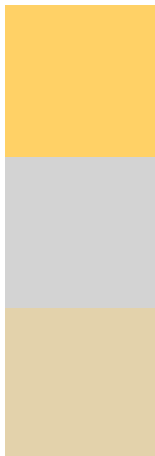
Deuteranomaly

212.5910, -43.1824, 37.1927

Tritanomaly

215.7150, -21.0585, 34.4529

Monochromacy



Original Color

210.5560, -53.5181, 38.9774

Achromatopsia

211.0000, 0.0000, 0.0000

Achromatomaly

210.6370, -19.5410, 14.3504

CSS Examples

Text

The CSS property to change the color of the text to YUV 210.5560, -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(255, 209, 102)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 102)  
}
```

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(255, 209, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 102) }
```

Border

The CSS property to change the border of an element to YUV 210.5560, -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(255, 209, 102) }
```


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

```
.border{ border-color:rgb(255, 209, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 102);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
102) }
```

Background

The CSS property to change the background color of an element to YUV 210.5560, -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(255, 209, 102) }
```

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

```
.background{ background-color: rgb(255,  
209, 102) }
```

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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