

Converting Colors

YUV(189.5200, -38.7104,
49.5330)

Have a look what the booklet for
YUV(189.5200, -38.7104, 49.5330)
contains.

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Color

**YUV(189.5200, -38.7104,
49.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	F6B06F
RGB	246, 176, 111
RGB Percent	96%, 69%, 44%
CMY	0.0353, 0.3098, 0.5647
CMYK	0.00, 0.28, 0.55, 0.04
HSL	29°, 88%, 70%
HSV	29°, 55%, 96%
XYZ	56.4006, 51.7912, 22.0630
YIQ	189.5200, 62.5850, -5.3750

Conversions

Conversions Part 2

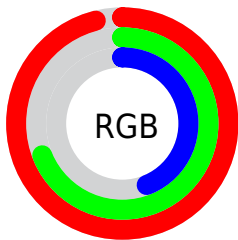
Format	Color
R _Y B	246, 236, 111
Decimal	16167023
CIE Lab	77.16, 18.63, 43.14
CIE LCh	77, 46.993, 66.644
Yxy	51.7912, 0.4330, 0.3976
Android (android.graphics.Color)	4294357103 (0xFFFF6B06F)
YUV	189.5200, -38.7104, 49.5330
Hunter-Lab	71.9661, 13.9517, 32.1995

Details

The YUV color **189.5200, -38.7104, 49.5330** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **167.4800, 38.7104, -49.5330**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.1250, -33.0926, 20.9384**, and **134.7690, -36.3681, 44.9296** is the 20% darker color. If you saturate the color by 10%, you get **179.0390, -45.8682, 58.7248**, and if you desaturate by 10%, it is **200.0010, -31.5525, 40.3411**.

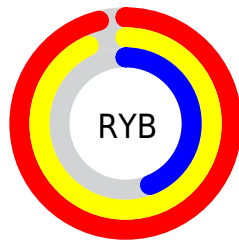
Distribution



Red (96%)

Green (69%)

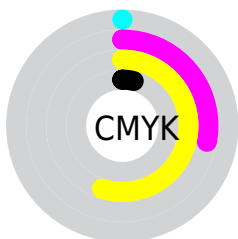
Blue (44%)



Red (96%)

Yellow (93%)

Blue (44%)

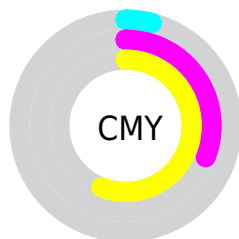


Cyan (0%)

Magenta (28%)

Yellow (55%)

Black (4%)



Cyan (4%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.5200, -38.7104, 49.5330 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 189.5200, -38.7104, 49.5330 by changing the saturation by 10% instead.

189.5200,
-38.7104, 49.5330

189.5200,
-38.7104, 49.5330

255.0000, 0.0000,
0.0000

161.8510,
-37.3945, 47.4887

231.1250,
-33.0926, 20.9384

134.7690,
-36.3681, 44.9296

247.7040,
-27.9551, 6.3986

108.6870,
-35.3417, 42.3705

250.8960,
-15.7247, 3.5992

83.2630, -35.6257,
40.1113

254.2020, -3.0576,
0.6998

60.1360, -29.6470,
35.8377

39.7360, -19.5898,
30.0495

19.3360, -9.5326,

24.2613

■ 4.7840, -2.3585,
9.8364

■ 0.0000, 0.0000,
0.0000

■ 189.5200,
-38.7104, 49.5330

■ 189.5200,
-38.7104, 49.5330

■ 179.0390,
-45.8682, 58.7248

■ 200.0010,
-31.5525, 40.3411

■ 168.6720,
-52.5893, 67.8167

■ 210.3680,
-24.8314, 31.2493

■ 158.7780,
-60.0366, 76.4937

■ 220.2620,
-17.3842, 22.5722

■ 148.4110,
-66.7576, 85.5856

■ 230.6290,
-10.6631, 13.4804

142.8200,
-70.4103, 90.4889

241.1100, -3.5052,
4.2885

251.1350, 1.9054,
-4.5034

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



187.4130, -22.8816, 59.2738



189.5200, -38.7104, 49.5330



186.2360, -41.5283, 19.9640

Triad

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



189.5200, -38.7104, 49.5330



147.7170, 25.2825, -129.5478



194.5740, 29.7900, 11.7746

Complementary

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



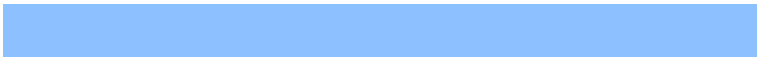
189.5200, -38.7104, 49.5330



167.4800, 38.7104, -49.5330

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.



183.6340, 35.1834, -38.2670



189.5200, -38.7104, 49.5330



151.3310, 44.2068, -132.7173

Square

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



189.5200, -38.7104, 49.5330



173.2210, -8.9830, -58.9528



157.7880, 47.9255, -112.0701



195.9180, 14.8304, 50.0609

Rectangle

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



189.5200, -38.7104, 49.5330



183.2760, -35.6321, -4.6271



157.7880, 47.9255, -112.0701



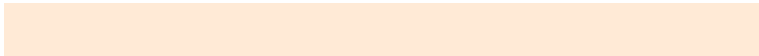
191.2300, 31.4386, -3.7097

Sweetspot

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



189.5200, -38.7104, 49.5330



237.9990, -11.8315, 14.9099



159.5730, 11.5495, 75.7965



117.5190, -7.1579, 9.1918



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.



189.5200, -38.7104, 49.5330



184.7790, -48.2050, 61.5838



228.2620, -57.8102, 15.5562



117.1100, -3.5052, 4.2885



108.4440, -53.4629, 68.0166



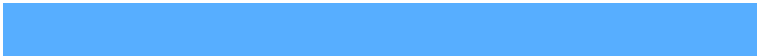
34.0770, -16.8000, 21.8575

Inverse Universe

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



167.4800, 38.7104, -49.5330



157.2210, 48.2050, -61.5838



128.7380, 57.8102, -15.5562



115.4770, 3.2158, -4.8033



78.1430, 53.1735, -68.5314



24.3360, 17.0894, -21.3427

Previews

White Background



This preview shows how the YUV color 189.5200, -38.7104, 49.5330 looks on a white background.

Color Contrast Check

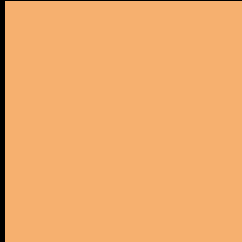
Large Text (above 18pt) WCAG AA × Fail

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 189.5200, -38.7104, 49.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

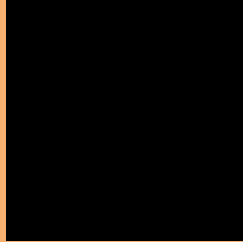
Any Text WCAG AA ✓ Pass

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 189.5200, -38.7104, 49.5330 Background



This preview shows how black text looks on a background with the YUV color 189.5200, -38.7104, 49.5330.



This preview shows how white text looks on a background with the YUV color 189.5200, -38.7104,

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

189.5200, -38.7104, 49.5330

Protanopia

187.9460, -34.9764, 18.4644

Deuteranopia

188.7420, -38.8198, 37.9373



Tritanopia

194.4840, -7.1406, 50.4415

Trichromacy



Original Color

189.5200, -38.7104, 49.5330

Protanomaly

188.6700, -36.3193, 29.2304

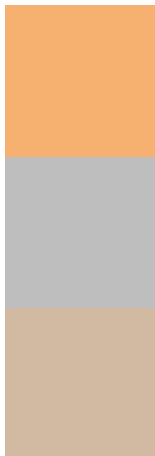
Deuteranomaly

189.0630, -38.9781, 42.0407

Tritanomaly

192.7970, -18.6339, 50.1670

Monochromacy



Original Color

189.5200, -38.7104, 49.5330

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7390, -14.1683, 17.7689

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.5200, -38.7104, 49.5330 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(246, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(246, 176, 111)  
}
```

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(246, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 176, 111) }
```

Border

The CSS property to change the border of an element to YUV 189.5200, -38.7104, 49.5330 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(246, 176, 111) }
```


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

```
.border{ border-color:rgb(246, 176, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 176, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(246, 176,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 189.5200, -38.7104, 49.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 176, 111) }
```

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

```
.background{ background-color: rgb(246,  
176, 111) }
```

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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