

Converting Colors

YUV(189.8630, -38.8795,
57.1251)

Have a look what the booklet for
YUV(189.8630, -38.8795, 57.1251)
contains.

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Color

**YUV(189.8630, -38.8795,
57.1251)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAC6F
RGB	255, 172, 111
RGB Percent	100%, 67%, 44%
CMY	0.0000, 0.3255, 0.5647
CMYK	0.00, 0.33, 0.56, 0.00
HSL	25°, 100%, 72%
HSV	25°, 56%, 100%
XYZ	58.8618, 51.9127, 21.9567
YIQ	189.8630, 69.0490, -1.3750

Conversions

Conversions Part 2

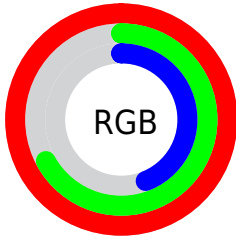
Format	Color
R_{YB}	255, 217, 111
Decimal	16755823
CIE _{Lab}	77.23, 24.34, 43.46
CIE _{LCh}	77, 49.809, 60.746
Yxy	51.9127, 0.4435, 0.3911
Android (android.graphics.Color)	4294945903 (0xFFFFAC6F)
YUV	189.8630, -38.8795, 57.1251
Hunter-Lab	72.0505, 19.7375, 32.3673

Details

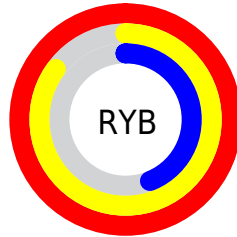
The YUV color **189.8630, -38.8795, 57.1251** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **176.1370, 38.8795, -57.1251**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.7770, -31.9351, 22.9976**, and **135.1120, -36.5372, 52.5218** is the 20% darker color. If you saturate the color by 10%, you get **178.2080, -45.4585, 67.3466**, and if you desaturate by 10%, it is **201.6320, -31.8636, 46.8037**.

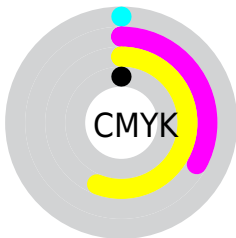
Distribution



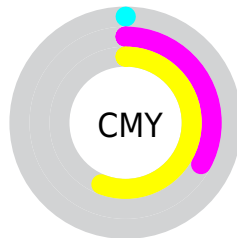
- Red (100%)
- Green (67%)
- Blue (44%)



- Red (100%)
- Yellow (85%)
- Blue (44%)



- Cyan (0%)
- Magenta (33%)
- Yellow (56%)
- Black (0%)



- Cyan (0%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.8630, -38.8795, 57.1251 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 189.8630, -38.8795, 57.1251 by changing the saturation by 10% instead.

189.8630,
-38.8795, 57.1251

189.8630,
-38.8795, 57.1251

255.0000, 0.0000,
0.0000

162.1940,
-37.5636, 55.0809

228.7770,
-31.9351, 22.9976

135.1120,
-36.5372, 52.5218

247.7040,
-27.9551, 6.3986

108.7310,
-35.3634, 49.3479

250.8960,
-15.7247, 3.5992

83.0080, -35.4999,
46.4740

254.2020, -3.0576,
0.6998

59.8810, -29.5213,
42.2004

38.5950, -19.0273,
36.3122

17.6080, -8.6807,

31.0388

■ 7.5890, -3.2484,
15.2694

■ 0.0000, 0.0000,
0.0000

■ 189.8630,
-38.8795, 57.1251

■ 189.8630,
-38.8795, 57.1251

■ 178.2080,
-45.4585, 67.3466

■ 201.6320,
-31.8636, 46.8037

■ 167.0260,
-52.7638, 77.1532

■ 212.7000,
-24.9951, 37.0971

■ 155.2570,
-59.7797, 87.4746

■ 224.4690,
-17.9792, 26.7757

■ 143.6020,
-66.3588, 97.6960

■ 236.1240,
-11.4001, 16.5543

139.6410,
-68.8430, 101.1698

247.3060, -4.0949,
6.7476

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.



185.6350, -19.5401, 60.8331



189.8630, -38.8795, 57.1251



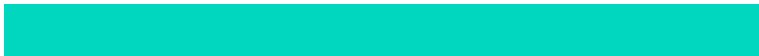
186.4820, -44.6076, 27.6413

Triad

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



189.8630, -38.8795, 57.1251



147.8650, 20.7726, -129.6776



192.1600, 30.9801, 3.3677

Complementary

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



189.8630, -38.8795, 57.1251



176.1370, 38.8795, -57.1251

Split Complementary

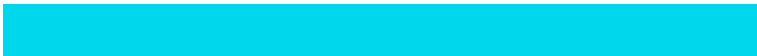
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178.2190, 37.8530, -54.5661



189.8630, -38.8795, 57.1251



152.5220, 41.1547, -133.7618

Square

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



189.8630, -38.8795, 57.1251



174.0600, -14.8196, -53.5496



150.5790, 51.4796, -132.0578



196.5630, 19.9354, 45.9872

Rectangle

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



189.8630, -38.8795, 57.1251



183.7670, -40.3111, 2.8353



150.5790, 51.4796, -132.0578



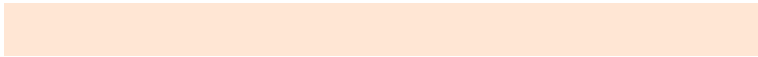
188.8050, 32.6341, -13.8610

Sweetspot

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



189.8630, -38.8795, 57.1251



235.4230, -11.5475, 17.1690



163.6320, 15.4644, 80.1297



116.2310, -7.0159, 10.3214



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.



189.8630, -38.8795, 57.1251



176.5780, -46.6270, 68.7761



231.5400, -59.4262, 20.5744



121.8220, -3.3632, 5.4181



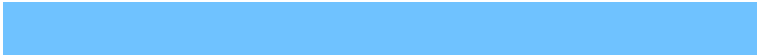
104.6560, -51.5954, 75.7237



34.9850, -17.2476, 25.4462

Inverse Universe

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



176.1370, 38.8795, -57.1251



160.4220, 46.6270, -68.7761



134.4600, 59.4262, -20.5744



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 189.8630, -38.8795, 57.1251 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 189.8630, -38.8795, 57.1251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

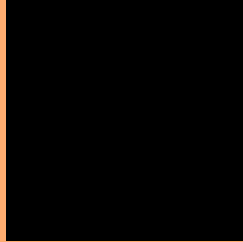
Any Text WCAG AA ✓ Pass

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 189.8630, -38.8795, 57.1251 Background



This preview shows how black text looks on a background with the YUV color 189.8630, -38.8795, 57.1251.



This preview shows how white text looks on a background with the YUV color 189.8630, -38.8795, 57.1251.

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

189.8630, -38.8795, 57.1251

Protanopia

188.0600, -34.5396, 18.3644

Deuteranopia

188.9270, -39.4040, 38.6520



Tritanopia

193.9790, -7.8776, 53.5154

Trichromacy



Original Color

189.8630, -38.8795, 57.1251

Protanomaly

188.6920, -36.3302, 32.7191

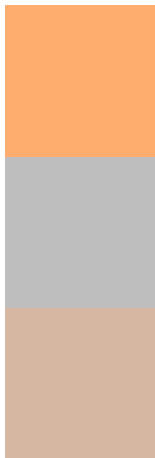
Deuteranomaly

189.0850, -38.9889, 45.5295

Tritanomaly

192.4170, -18.9396, 54.8853

Monochromacy



Original Color

189.8630, -38.8795, 57.1251

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.7610, -14.1792, 21.2576

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.8630, -38.8795, 57.1251 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, 172, 111)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 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(255, 172, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 111) }
```

Border

The CSS property to change the border of an element to YUV 189.8630, -38.8795, 57.1251 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, 172, 111) }
```


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

```
.border{ border-color:rgb(255, 172, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 111);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
111) }
```

Background

The CSS property to change the background color of an element to YUV 189.8630, -38.8795, 57.1251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 111) }
```

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

```
.background{ background-color: rgb(255,  
172, 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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