

Converting Colors

YUV(183.5590, -57.9566,
62.6538)

Have a look what the booklet for
YUV(183.5590, -57.9566, 62.6538)
contains.

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Color

**YUV(183.5590, -57.9566,
62.6538)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAA42
RGB	255, 170, 66
RGB Percent	100%, 67%, 26%
CMY	0.0000, 0.3333, 0.7412
CMYK	0.00, 0.33, 0.74, 0.00
HSL	33°, 100%, 63%
HSV	33°, 74%, 100%
XYZ	56.5981, 50.4028, 11.8999
YIQ	183.5590, 84.0440, -14.3240

Conversions

Conversions Part 2

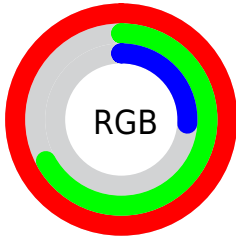
Format	Color
R_{YB}	220, 255, 66
Decimal	16755266
CIE _{Lab}	76.32, 22.74, 63.54
CIE _{LCh}	76, 67.490, 70.309
Yxy	50.4028, 0.4760, 0.4239
Android (android.graphics.Color)	4294945346 (0xFFFFAA42)
YUV	183.5590, -57.9566, 62.6538
Hunter-Lab	70.9949, 18.0614, 39.7585

Details

The YUV color **183.5590, -57.9566, 62.6538** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **137.4410, 57.9566, -62.6538**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.0000, -50.2860, 28.9410**, and **126.9730, -62.5977, 57.9057** is the 20% darker color. If you saturate the color by 10%, you get **174.1380, -66.1300, 70.9160**, and if you desaturate by 10%, it is **192.8660, -50.2199, 54.4915**.

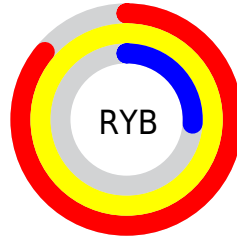
Distribution



Red (100%)

Green (67%)

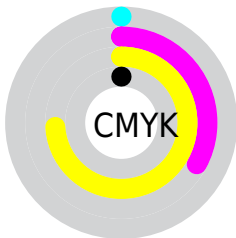
Blue (26%)



Red (86%)

Yellow (100%)

Blue (26%)

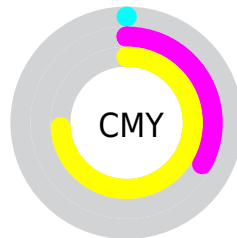


Cyan (0%)

Magenta (33%)

Yellow (74%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 183.5590, -57.9566, 62.6538 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 183.5590, -57.9566, 62.6538 by changing the saturation by 10% instead.

183.5590,
-57.9566, 62.6538

183.5590,
-57.9566, 62.6538

255.0000, 0.0000,
0.0000

155.2490,
-57.8038, 60.2946

222.0000,
-50.2860, 28.9410

126.9730,
-62.5977, 57.9057

242.1010,
-46.8848, 11.3124

103.3280,
-50.9407, 52.3323

245.8800,
-34.9438, 7.9982

80.2700, -39.5731,
46.2442

249.0720,
-22.7135, 5.1989

58.0980, -28.6423,
40.2561

252.3780,
-10.0464, 2.2995

36.8120, -18.1483,
34.3679

15.8250, -7.8017,

29.0945

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 183.5590,
-57.9566, 62.6538

■ 183.5590,
-57.9566, 62.6538

■ 174.1380,
-66.1300, 70.9160

■ 192.8660,
-50.2199, 54.4915

■ 164.2440,
-73.5773, 79.5930

■ 202.8740,
-42.3359, 45.7145

■ 158.4250,
-78.1035, 84.6963

■ 212.2950,
-34.1624, 37.4523

■ 222.1890,
-26.7152, 28.7752

231.6100,
-18.5417, 20.5130

241.5040,
-11.0945, 11.8360

250.8110, -3.3578,
3.6738

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.



174.4870, -31.7921, 70.6099



183.5590, -57.9566, 62.6538



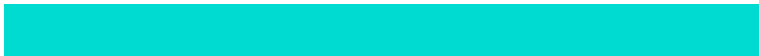
178.9590, -61.6048, 19.3300

Triad

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



183.5590, -57.9566, 62.6538



152.3790, 27.9142, -133.6364



190.5310, 31.7832, 25.8443

Complementary

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



183.5590, -57.9566, 62.6538



137.4410, 57.9566, -62.6538

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.



171.1200, 41.3528, -57.1102



183.5590, -57.9566, 62.6538



155.8620, 48.8750, -136.6910

Square

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



183.5590, -57.9566, 62.6538



143.2080, 0.3905, -125.5934



149.9920, 51.7689, -131.5430



183.6990, 23.8124, 62.5310

Rectangle

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



183.5590, -57.9566, 62.6538



174.6110, -50.5872, -14.5678



149.9920, 51.7689, -131.5430



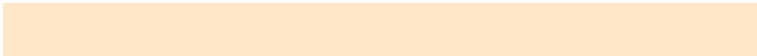
186.2570, 33.8903, 3.2826

Sweetspot

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



183.5590, -57.9566, 62.6538



233.9410, -17.2259, 18.4687



132.2010, 9.2679, 107.6947



115.3190, -10.5103, 11.1212



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.



183.5590, -57.9566, 62.6538



169.2480, -69.6353, 75.2045



230.7630, -81.2282, 13.3628



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685



39.6810, -19.5627, 21.3278

Inverse Universe

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



137.4410, 57.9566, -62.6538



113.7520, 69.6353, -75.2045



90.2370, 81.2282, -13.3628



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 183.5590, -57.9566, 62.6538 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 183.5590, -57.9566, 62.6538 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 183.5590, -57.9566, 62.6538 Background



This preview shows how black text looks on a background with the YUV color 183.5590, -57.9566, 62.6538.



This preview shows how white text looks on a background with the YUV color 183.5590, -57.9566, 62.6538.

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

183.5590, -57.9566, 62.6538

Protanopia

181.8270, -54.6377, 24.7077

Deuteranopia

182.8190, -59.0708, 46.6397



Tritanopia

191.6480, -9.1935, 55.5597

Trichromacy



Original Color

183.5590, -57.9566, 62.6538

Protanomaly

182.2740, -55.8441, 38.3477

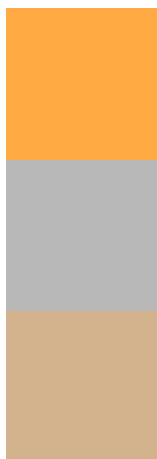
Deuteranomaly

183.2650, -58.7976, 52.3876

Tritanomaly

188.9630, -27.0968, 57.9144

Monochromacy



Original Color

183.5590, -57.9566, 62.6538

Achromatopsia

184.0000, 0.0000, 0.0000

Achromatomaly

183.9370, -21.1679, 22.8573

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.5590, -57.9566, 62.6538 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, 170, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 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(255, 170, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 170, 66) }
```

Border

The CSS property to change the border of an element to YUV 183.5590, -57.9566, 62.6538 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, 170, 66) }
```


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

```
.border{ border-color:rgb(255, 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(255, 170, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 170, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 170, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 170,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 183.5590, -57.9566, 62.6538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 170, 66) }
```

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

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