

Converting Colors

YUV(185.9410, -64.0609,
60.5647)

Have a look what the booklet for
YUV(185.9410, -64.0609, 60.5647)
contains.

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Color

**YUV(185.9410, -64.0609,
60.5647)**

Conversions

Conversions Part 1	
Format	Color
Hex	FFB038
RGB	255, 176, 56
RGB Percent	100%, 69%, 22%
CMY	0.0000, 0.3098, 0.7804
CMYK	0.00, 0.31, 0.78, 0.00
HSL	36°, 100%, 61%
HSV	36°, 78%, 100%
XYZ	57.4791, 52.5962, 10.8640
YIQ	185.9410, 85.6040, -20.5720

Conversions

Conversions Part 2

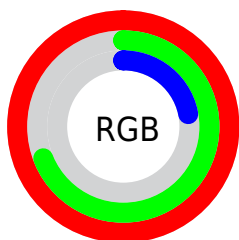
Format	Color
RYB	187, 255, 56
Decimal	16756792
CIELab	77.64, 19.22, 68.68
CIELCh	78, 71.318, 74.364
Yxy	52.5962, 0.4753, 0.4349
Android (android.graphics.Color)	4294946872 (0xFFFFB038)
YUV	185.9410, -64.0609, 60.5647
Hunter-Lab	72.5232, 14.5566, 41.8846

Details

The YUV color **185.9410, -64.0609, 60.5647** 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 **125.0590, 64.0609, -60.5647**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.0830, -56.2429, 26.2372**, and **130.4950, -64.3340, 54.8169** is the 20% darker color. If you saturate the color by 10%, you get **177.1070, -72.5238, 68.3122**, and if you desaturate by 10%, it is **194.7750, -55.5981, 52.8173**.

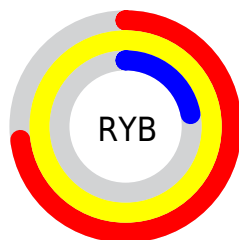
Distribution



Red (100%)

Green (69%)

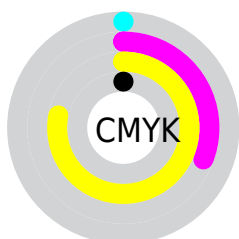
Blue (22%)



Red (73%)

Yellow (100%)

Blue (22%)

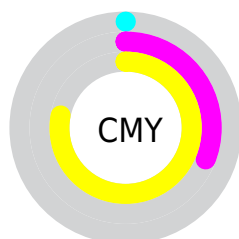


Cyan (0%)

Magenta (31%)

Yellow (78%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 185.9410, -64.0609, 60.5647 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 185.9410, -64.0609, 60.5647 by changing the saturation by 10% instead.

 185.9410,
-64.0609, 60.5647


 185.9410,
-64.0609, 60.5647

255.0000, 0.0000,
0.0000

 157.0610,
-66.0921, 58.7055


 225.0830,
-56.2429, 26.2372


 130.4950,
-64.3340, 54.8169


 241.7760,
-50.6686, 11.5974


 106.8500,
-52.6770, 49.2436


 244.9680,
-38.4382, 8.7981

 83.7920, -41.3095,
43.1554

 248.1600,
-26.2079, 5.9987

 61.6200, -30.3787,
37.1673

 251.4660,
-13.5407, 3.0993

 40.3340, -19.8847,
31.2791

254.8860, -0.4368,

 19.9340, -9.8275,

0.1000

25.4909

■ 5.9800, -2.9481,
12.2955

■ 0.0000, 0.0000,
0.0000

■ 185.9410,
-64.0609, 60.5647

■ 185.9410,
-64.0609, 60.5647

■ 177.1070,
-72.5238, 68.3122

■ 194.7750,
-55.5981, 52.8173

■ 168.3870,
-80.5498, 75.9596

■ 203.4950,
-47.5720, 45.1699

■ 166.6430,
-82.1550, 77.4891

■ 212.2150,
-39.5460, 37.5224

■ 221.0490,
-31.0832, 29.7750

230.3560,
-23.3465, 21.6128

239.1900,
-14.8837, 13.8654

248.0240, -6.4208,
6.1180

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.



175.3360, -36.1546, 69.8653



185.9410, -64.0609, 60.5647



180.4160, -64.7881, 13.6672

Triad

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



185.9410, -64.0609, 60.5647



156.9100, 32.5824, -137.6101



193.5540, 30.2929, 37.2251

Complementary

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



185.9410, -64.0609, 60.5647



125.0590, 64.0609, -60.5647

Split Complementary

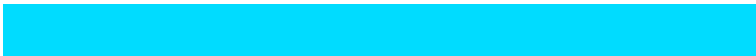
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



176.5020, 38.6995, -46.0443



185.9410, -64.0609, 60.5647



158.2100, 47.7175, -138.7502

Square

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



185.9410, -64.0609, 60.5647



147.2830, 3.3115, -129.1672



151.7530, 50.9008, -133.0874



181.5960, 23.3702, 64.3753

Rectangle

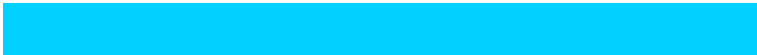
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.9410, -64.0609, 60.5647



175.6700, -50.1233, -23.3896



151.7530, 50.9008, -133.0874



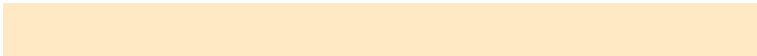
190.4540, 31.8212, 13.6338

Sweetspot

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



185.9410, -64.0609, 60.5647



234.7730, -19.1151, 17.7391



124.6210, 5.6098, 114.3424



115.0910, -11.3839, 11.3212



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.



185.9410, -64.0609, 60.5647



171.8750, -77.3394, 72.9006



226.3340, -83.9747, 7.6001



122.9960, -3.9420, 4.3885



124.6140, -61.4347, 58.2205



41.4420, -20.4309, 19.7834

Inverse Universe

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



125.0590, 64.0609, -60.5647



98.1250, 77.3394, -72.9006



84.6660, 83.9747, -7.6001



119.4170, 4.2314, -3.8737



66.3860, 61.4347, -58.2205



21.9710, 20.7203, -19.2686

Previews

White Background



This preview shows how the YUV color 185.9410, -64.0609, 60.5647 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 185.9410, -64.0609, 60.5647 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 185.9410, -64.0609, 60.5647

Background



This preview shows how black text looks on a background with the YUV color 185.9410, -64.0609, 60.5647.



This preview shows how white text looks on a background with the YUV color 185.9410, -64.0609, 60.5647.

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

185.9410, -64.0609, 60.5647

Protanopia

184.4160, -61.3371, 26.8222

Deuteranopia

184.9350, -65.0440, 49.1690




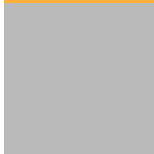
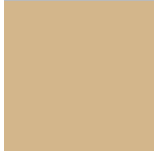
Tritanopia

195.2670, -8.0196, 52.3858

Trichromacy

	Original Color 185.9410, -64.0609, 60.5647
	Protanomaly 185.2650, -62.2486, 39.2326
	Deuteranomaly 185.3700, -64.7654, 53.1725
	Tritanomaly 191.8980, -28.5437, 55.3405

Monochromacy

	Original Color 185.9410, -64.0609, 60.5647
	Achromatopsia 186.0000, 0.0000, 0.0000
	Achromatomaly 185.7690, -23.0571, 22.1276

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.9410, -64.0609, 60.5647 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, 176, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 56)  
}
```

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, 176, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 56) }
```

Border

The CSS property to change the border of an element to YUV 185.9410, -64.0609, 60.5647 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, 176, 56) }
```


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

```
.border{ border-color:rgb(255, 176, 56) }
```

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

Here you see how a box with a 4 pixel rgb(255, 176, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 185.9410, -64.0609, 60.5647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 56) }
```

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

```
.background{ background-color: rgb(255,  
176, 56) }
```

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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