

Converting Colors

YUV(181.8950, -54.1782,
64.1131)

Have a look what the booklet for
YUV(181.8950, -54.1782, 64.1131)
contains.

YUV(181.8950, -54.1782, 64.1131)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(181.8950, -54.1782,
64.1131)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA648
RGB	255, 166, 72
RGB Percent	100%, 65%, 28%
CMY	0.0000, 0.3490, 0.7176
CMYK	0.00, 0.35, 0.72, 0.00
HSL	31°, 100%, 64%
HSV	31°, 72%, 100%
XYZ	56.0459, 49.0003, 12.6350
YIQ	181.8950, 83.2180, -10.3660

Conversions

Conversions Part 2

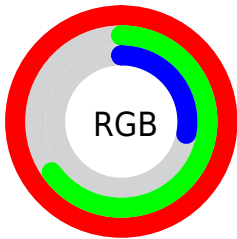
Format	Color
RYB	245, 255, 72
Decimal	16754248
CIELab	75.45, 25.09, 60.12
CIELCh	75, 65.150, 67.346
Yxy	49.0003, 0.4763, 0.4164
Android (android.graphics.Color)	4294944328 (0xFFFFA648)
YUV	181.8950, -54.1782, 64.1131
Hunter-Lab	70.0002, 20.4162, 38.2984

Details

The YUV color **181.8950, -54.1782, 64.1131** 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 **145.1050, 54.1782, -64.1131**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2220, -46.9444, 30.5003**, and **126.1070, -55.7618, 58.6652** is the 20% darker color. If you saturate the color by 10%, you get **172.0010, -61.6255, 72.7901**, and if you desaturate by 10%, it is **191.9030, -46.2942, 55.3361**.

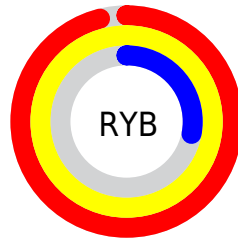
Distribution



Red (100%)

Green (65%)

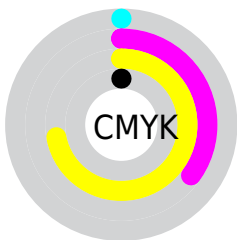
Blue (28%)



Red (96%)

Yellow (100%)

Blue (28%)

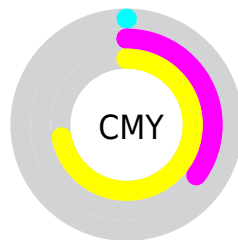


Cyan (0%)

Magenta (35%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (35%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.8950, -54.1782, 64.1131 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 181.8950, -54.1782, 64.1131 by changing the saturation by 10% instead.

181.8950,
-54.1782, 64.1131

181.8950,
-54.1782, 64.1131

255.0000, 0.0000,
0.0000

153.6990,
-53.5886, 61.6540

220.2220,
-46.9444, 30.5003

126.1070,
-55.7618, 58.6652

240.3230,
-43.5432, 12.8717

100.9800,
-49.7831, 54.3915

246.4500,
-32.7599, 7.4983

77.9220, -38.4155,
48.3034

249.6420,
-20.5295, 4.6990

55.7500, -27.4847,
42.3152

252.9480, -7.8624,
1.7996

34.4640, -16.9908,
36.4271

14.6510, -7.2229,

30.1241

■ 4.1860, -2.0637,
8.6069

■ 0.0000, 0.0000,
0.0000

■ 181.8950,
-54.1782, 64.1131

■ 181.8950,
-54.1782, 64.1131

■ 172.0010,
-61.6255, 72.7901

■ 191.9030,
-46.2942, 55.3361

■ 161.4060,
-69.2202, 82.0819

■ 202.3840,
-39.1363, 46.1442

■ 153.1420,
-75.4990, 89.3295

■ 212.2780,
-31.6891, 37.4672

■ 222.8730,
-24.0944, 28.1754

■ 232.8810,
-16.2103, 19.3984

■ 242.7750, -8.7631,
10.7213

■ 253.3700, -1.1684,
1.4295

■ 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.



173.4100, -28.3031, 71.5544



181.8950, -54.1782, 64.1131



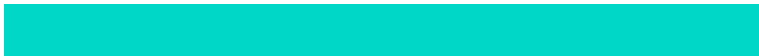
178.1490, -59.7265, 23.5483

Triad

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



181.8950, -54.1782, 64.1131



148.8910, 24.7037, -130.5774



187.5300, 33.2627, 17.9522

Complementary

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



181.8950, -54.1782, 64.1131



145.1050, 54.1782, -64.1131

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.



167.2330, 43.2691, -65.1023



181.8950, -54.1782, 64.1131



154.1010, 49.7432, -135.1466

Square

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



181.8950, -54.1782, 64.1131



146.3410, -4.6051, -109.9241



148.8180, 52.3477, -130.5134



184.9870, 23.6704, 61.4014

Rectangle

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



181.8950, -54.1782, 64.1131



173.9430, -50.7509, -8.7200



148.8180, 52.3477, -130.5134



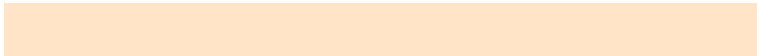
183.2560, 35.3698, -4.6095

Sweetspot

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



181.8950, -54.1782, 64.1131



232.7670, -16.6471, 19.4983



137.0910, 12.7731, 103.4062



114.1450, -9.9315, 12.1508



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.



181.8950, -54.1782, 64.1131



167.2250, -64.6939, 76.9787



234.1380, -79.9340, 18.2960



122.4090, -3.6526, 4.9033



114.6350, -56.5151, 66.9721



38.5070, -18.9840, 22.3574

Inverse Universe

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



145.1050, 54.1782, -64.1131



123.1880, 64.9833, -76.4639



92.8620, 79.9340, -18.2960



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 181.8950, -54.1782, 64.1131 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 181.8950, -54.1782, 64.1131 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 181.8950, -54.1782, 64.1131 Background



This preview shows how black text looks on a background with the YUV color 181.8950, -54.1782, 64.1131.



This preview shows how white text looks on a background with the YUV color 181.8950, -54.1782, 64.1131.

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

181.8950, -54.1782, 64.1131

Protanopia

180.5540, -50.5591, 23.1931

Deuteranopia

181.1330, -55.2816, 44.6104



Tritanopia

188.8440, -9.7831, 58.0188

Trichromacy



Original Color

181.8950, -54.1782, 64.1131

Protanomaly

180.7130, -51.6235, 37.9627

Deuteranomaly

181.2910, -54.8665, 51.4878

Tritanomaly

186.6150, -25.9392, 59.9736

Monochromacy



Original Color

181.8950, -54.1782, 64.1131

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

181.9910, -19.7156, 23.6869

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.8950, -54.1782, 64.1131 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, 166, 72)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 72)  
}
```

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, 166, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 72) }
```

Border

The CSS property to change the border of an element to YUV 181.8950, -54.1782, 64.1131 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, 166, 72) }
```


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

```
.border{ border-color:rgb(255, 166, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 72);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
72) }
```

Background

The CSS property to change the background color of an element to YUV 181.8950, -54.1782, 64.1131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 72) }
```

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

```
.background{ background-color: rgb(255,  
166, 72) }
```

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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