

Converting Colors

YUV(193.2080, -48.9095,
54.1916)

Have a look what the booklet for
YUV(193.2080, -48.9095, 54.1916)
contains.

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Color

**YUV(193.2080, -48.9095,
54.1916)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB55E
RGB	255, 181, 94
RGB Percent	100%, 71%, 37%
CMY	0.0000, 0.2902, 0.6314
CMYK	0.00, 0.29, 0.63, 0.00
HSL	32°, 100%, 68%
HSV	32°, 63%, 100%
XYZ	59.7843, 55.1159, 18.0771
YIQ	193.2080, 72.0310, -11.3690

Conversions

Conversions Part 2

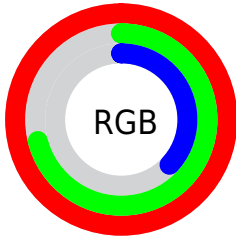
Format	Color
R _Y B	231, 255, 94
Decimal	16758110
CIE Lab	79.11, 18.46, 54.06
CIE LCh	79, 57.120, 71.150
Yxy	55.1159, 0.4496, 0.4145
Android (android.graphics.Color)	4294948190 (0xFFFFB55E)
YUV	193.2080, -48.9095, 54.1916
Hunter-Lab	74.2401, 13.8228, 37.5312

Details

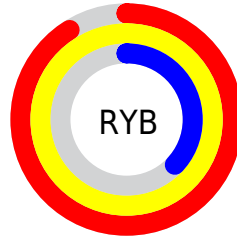
The YUV color **193.2080, -48.9095, 54.1916** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted orange. A complement of this color would be **155.7920, 48.9095, -54.1916**, and the grayscale version is **194.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.1220, -41.9651, 20.0640**, and **137.9300, -47.2935, 49.1734** is the 20% darker color. If you saturate the color by 10%, you get **183.3140, -56.3568, 62.8686**, and if you desaturate by 10%, it is **203.2160, -41.0255, 45.4146**.

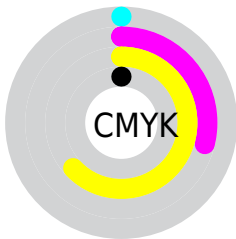
Distribution



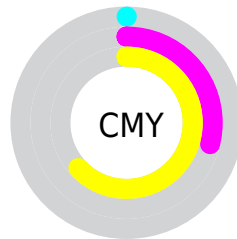
- Red (100%)
- Green (71%)
- Blue (37%)



- Red (91%)
- Yellow (100%)
- Blue (37%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 193.2080, -48.9095, 54.1916 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 193.2080, -48.9095, 54.1916 by changing the saturation by 10% instead.

193.2080,
-48.9095, 54.1916

193.2080,
-48.9095, 54.1916

255.0000, 0.0000,
0.0000

165.1260,
-47.8831, 51.6325

232.1220,
-41.9651, 20.0640

137.9300,
-47.2935, 49.1734

245.7660,
-35.3806, 8.0982

111.1640,
-48.8879, 47.2142

248.9580,
-23.1503, 5.2988

86.7380, -42.7618,
42.3258

252.2640,
-10.4832, 2.3995

64.8650, -31.9784,
36.9524

43.5790, -21.4844,
31.0642

23.1790, -11.4272,

25.2760

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 193.2080,
-48.9095, 54.1916

■ 193.2080,
-48.9095, 54.1916

■ 183.3140,
-56.3568, 62.8686

■ 203.2160,
-41.0255, 45.4146

■ 173.8930,
-64.5302, 71.1308

■ 212.5230,
-33.2888, 37.2523

■ 163.9990,
-71.9775, 79.8079

■ 222.5310,
-25.4048, 28.4753

■ 157.2510,
-77.5247, 85.7259

■ 232.4250,
-17.9575, 19.7983

■ 242.4330,
-10.0735, 11.0213

■ 251.7400, -2.3368,
2.8590

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.



185.9310, -28.5600, 60.5735



193.2080, -48.9095, 54.1916



188.9230, -50.2480, 16.7305

Triad

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



193.2080, -48.9095, 54.1916



155.4110, 29.3774, -136.2954



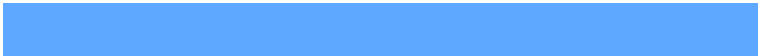
198.7820, 27.7155, 23.8702

Complementary

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



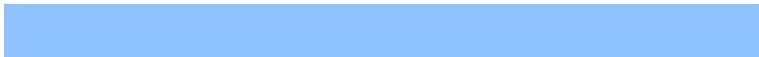
193.2080, -48.9095, 54.1916



155.7920, 48.9095, -54.1916

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.



185.9930, 34.0205, -38.5819



193.2080, -48.9095, 54.1916



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.



193.2080, -48.9095, 54.1916



167.1140, -3.5072, -88.6770



152.9270, 50.3220, -134.1170



194.2650, 18.6034, 53.2646

Rectangle

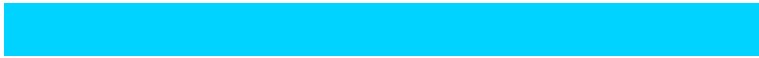
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



193.2080, -48.9095, 54.1916



185.3260, -41.5727, -12.5639



152.9270, 50.3220, -134.1170



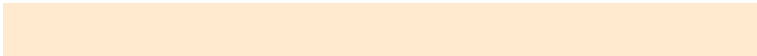
195.7150, 29.2275, 5.5119

Sweetspot

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



193.2080, -48.9095, 54.1916



236.6140, -14.5997, 16.1245



150.6890, 9.0273, 91.4807



116.3620, -9.0525, 10.2065



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.



193.2080, -48.9095, 54.1916



180.6410, -58.9830, 65.2128



235.1510, -69.5874, 13.0226



122.9960, -3.9420, 4.3885



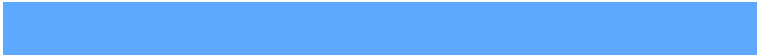
117.5700, -57.9620, 64.3981



39.0940, -19.2733, 21.8426

Inverse Universe

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



155.7920, 48.9095, -54.1916



135.3590, 58.9830, -65.2128



113.8490, 69.5874, -13.0226



120.0040, 3.9420, -4.3885



73.4300, 57.9620, -64.3981



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 193.2080, -48.9095, 54.1916 looks on a white background.

Color Contrast Check

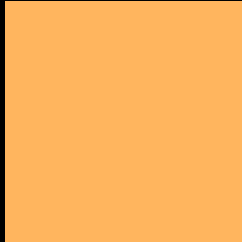
Large Text (above 18pt) WCAG AA × Fail

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 193.2080, -48.9095, 54.1916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

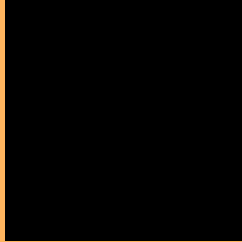
Any Text WCAG AA ✓ Pass

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 193.2080, -48.9095, 54.1916 Background



This preview shows how black text looks on a background with the YUV color 193.2080, -48.9095, 54.1916.



This preview shows how white text looks on a background with the YUV color 193.2080, -48.9095,

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

193.2080, -48.9095, 54.1916

Protanopia

191.2210, -45.4650, 22.6082

Deuteranopia

192.7290, -49.1664, 43.2107



Tritanopia

199.4730, -7.1352, 48.6972

Trichromacy



Original Color

193.2080, -48.9095, 54.1916

Protanomaly

192.2440, -46.9553, 33.9890

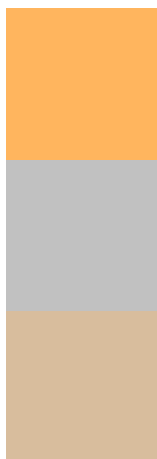
Deuteranomaly

193.0500, -49.3246, 47.3142

Tritanomaly

197.4720, -22.4177, 50.4521

Monochromacy



Original Color

193.2080, -48.9095, 54.1916

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

193.4250, -17.9575, 19.7983

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2080, -48.9095, 54.1916 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, 181, 94)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 94)  
}
```

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, 181, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 94) }
```

Border

The CSS property to change the border of an element to YUV 193.2080, -48.9095, 54.1916 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, 181, 94) }
```


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

```
.border{ border-color:rgb(255, 181, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 94);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 193.2080, -48.9095, 54.1916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 94) }
```

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

```
.background{ background-color: rgb(255,  
181, 94) }
```

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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