

Converting Colors

YUV(148.9220, -48.2755,
84.2604)

Have a look what the booklet for
YUV(148.9220, -48.2755, 84.2604)
contains.

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Color

**YUV(148.9220, -48.2755,
84.2604)**

Conversions

Conversions Part 1

Format	Color
Hex	F57733
RGB	245, 119, 51
RGB Percent	96%, 47%, 20%
CMY	0.0392, 0.5333, 0.8000
CMYK	0.00, 0.51, 0.79, 0.04
HSL	21°, 91%, 58%
HSV	21°, 79%, 96%
XYZ	44.8506, 32.8451, 7.1078
YIQ	148.9220, 96.9240, 5.5640

Conversions

Conversions Part 2

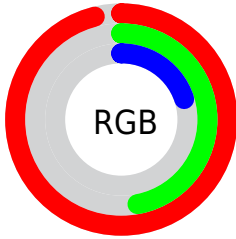
Format	Color
R_{YB}	245, 156, 51
Decimal	16086835
CIE _{Lab}	64.04, 44.29, 57.46
CIE _{LCh}	64, 72.548, 52.379
Yxy	32.8451, 0.5289, 0.3873
Android (android.graphics.Color)	4294276915 (0xFFFF57733)
YUV	148.9220, -48.2755, 84.2604
Hunter-Lab	57.3107, 39.3980, 32.7642

Details

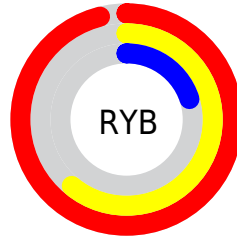
The YUV color **148.9220, -48.2755, 84.2604** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **147.0780, 48.2755, -84.2604**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4240, -43.1000, 57.5102**, and **93.7470, -46.2173, 77.3979** is the 20% darker color. If you saturate the color by 10%, you get **136.6800, -54.5652, 94.9966**, and if you desaturate by 10%, it is **161.1640, -41.9859, 73.5242**.

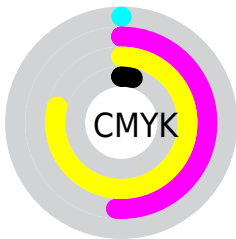
Distribution



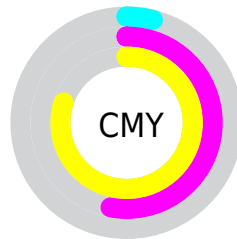
- Red (96%)
- Green (47%)
- Blue (20%)



- Red (96%)
- Yellow (61%)
- Blue (20%)



- Cyan (0%)
- Magenta (51%)
- Yellow (79%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9220, -48.2755, 84.2604 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 148.9220, -48.2755, 84.2604 by changing the saturation by 10% instead.

148.9220,
-48.2755, 84.2604

148.9220,
-48.2755, 84.2604

255.0000, 0.0000,
0.0000

121.0140,
-47.8279, 80.6717

189.4240,
-43.1000, 57.5102

93.7470, -46.2173,
77.3979

208.9380,
-39.4094, 40.3964

68.6290, -33.8341,
72.2394

228.9250,
-36.4450, 22.8678

39.9890, -19.7146,
70.1696

246.7920,
-31.4495, 7.1984

26.9100, -13.2666,
55.3299

249.9840,
-19.2191, 4.3990

18.5380, -9.1392,
38.1162

253.2900, -6.5520,

9.6820, -4.2802,

1.4997

19.5729

■ 0.0000, 0.0000,
0.0000

■ 148.9220,
-48.2755, 84.2604

■ 148.9220,
-48.2755, 84.2604

■ 136.6800,
-54.5652, 94.9966

■ 161.1640,
-41.9859, 73.5242

■ 124.5520,
-60.4181, 105.6329

■ 173.2920,
-36.1330, 62.8879

■ 123.7370,
-61.0023, 106.3477

■ 185.5340,
-29.8433, 52.1517

■ 197.6620,
-23.9904, 41.5154

■ 209.9040,
-17.7007, 30.7792

221.4450,
-11.5584, 20.6577

233.6870, -5.2687,
9.9215

245.8150, 0.5842,
-0.7148

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



142.7890, -16.1650, 98.4090



148.9220, -48.2755, 84.2604



145.2030, -71.5851, 47.1800

Triad

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



148.9220, -48.2755, 84.2604



123.5120, 6.1566, -108.3200



149.7660, 51.8804, -26.9818

Complementary

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



148.9220, -48.2755, 84.2604



147.0780, 48.2755, -84.2604

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.



127.6860, 62.7658, -111.9806



148.9220, -48.2755, 84.2604



131.7370, 35.1327, -115.5333

Square

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



148.9220, -48.2755, 84.2604



125.6220, -27.4216, -71.5825



134.7300, 59.2931, -118.1582



158.8790, 37.5277, 50.0951

Rectangle

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



148.9220, -48.2755, 84.2604



142.6460, -70.3245, 16.0965



134.7300, 59.2931, -118.1582



134.4180, 59.4469, -74.0346

Sweetspot

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



148.9220, -48.2755, 84.2604



224.5660, -15.0690, 26.6906



123.3700, 26.4396, 106.6695



109.1070, -8.9268, 16.5692



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.



148.9220, -48.2755, 84.2604



135.2530, -60.2707, 105.0181



205.8610, -76.3465, 34.3249



115.9360, -2.9264, 5.3181



93.7690, -46.2281, 80.8866



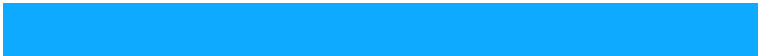
29.9680, -14.7742, 25.4611

Inverse Universe

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



147.0780, 48.2755, -84.2604



132.7470, 60.2707, -105.0181



90.1390, 76.3465, -34.3249



116.0640, 2.9264, -5.3181



92.2310, 46.2281, -80.8866



29.0320, 14.7742, -25.4611

Previews

White Background



This preview shows how the YUV color 148.9220, -48.2755, 84.2604 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 148.9220, -48.2755, 84.2604 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 148.9220, -48.2755, 84.2604

Background



This preview shows how black text looks on a background with the YUV color 148.9220, -48.2755, 84.2604.



This preview shows how white text looks on a background with the YUV color 148.9220, -48.2755, 84.2604.

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

148.9220, -48.2755, 84.2604

Protanopia

150.2530, -44.0017, 19.9491

Deuteranopia

149.8550, -53.6655, 39.5922



Tritanopia

153.4620, -16.9898, 82.9098

Trichromacy



Original Color

148.9220, -48.2755, 84.2604

Protanomaly

149.9400, -45.8194, 43.0256

Deuteranomaly

149.2360, -51.3883, 55.9210

Tritanomaly

152.0740, -28.6305, 83.2501

Monochromacy



Original Color

148.9220, -48.2755, 84.2604

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9040, -17.7007, 30.7792

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9220, -48.2755, 84.2604 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(245, 119, 51)` looks like.

```
.text, #text, p{  
    color:rgb(245, 119, 51)  
}
```

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(245, 119, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 119, 51) }
```

Border

The CSS property to change the border of an element to YUV 148.9220, -48.2755, 84.2604 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(245, 119, 51) }
```


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

```
.border{ border-color:rgb(245, 119, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 119, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 119, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 119, 51);  
box-shadow:4px 4px 4px 4px rgb(245, 119,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 148.9220, -48.2755, 84.2604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 119, 51) }
```

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

```
.background{ background-color: rgb(245,  
119, 51) }
```

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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