

Converting Colors

YUV(148.8560, -44.7920,
86.9493)

Have a look what the booklet for
YUV(148.8560, -44.7920, 86.9493)
contains.

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Color

**YUV(148.8560, -44.7920,
86.9493)**

Conversions

Conversions Part 1

Format	Color
Hex	F8743A
RGB	248, 116, 58
RGB Percent	97%, 45%, 23%
CMY	0.0275, 0.5451, 0.7725
CMYK	0.00, 0.53, 0.77, 0.03
HSL	18°, 93%, 60%
HSV	18°, 77%, 97%
XYZ	45.7205, 32.7527, 7.9152
YIQ	148.8560, 97.2900, 9.9460

Conversions

Conversions Part 2

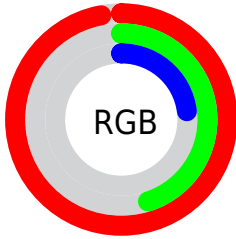
Format	Color
R _Y B	248, 141, 58
Decimal	16282682
CIE Lab	63.96, 47.11, 54.39
CIE LCh	64, 71.958, 49.103
Yxy	32.7527, 0.5292, 0.3791
Android (android.graphics.Color)	4294472762 (0xFFFF8743A)
YUV	148.8560, -44.7920, 86.9493
Hunter-Lab	57.2300, 42.4495, 31.8609

Details

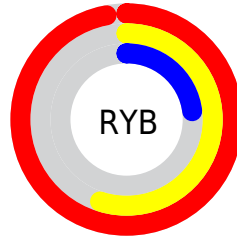
The YUV color **148.8560, -44.7920, 86.9493** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **157.1440, 44.7920, -86.9493**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0480, -39.4637, 57.8399**, and **92.6380, -44.1915, 81.0015** is the 20% darker color. If you saturate the color by 10%, you get **136.0270, -50.7923, 98.2003**, and if you desaturate by 10%, it is **161.6850, -38.7917, 75.6983**.

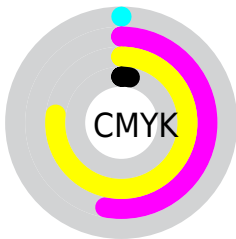
Distribution



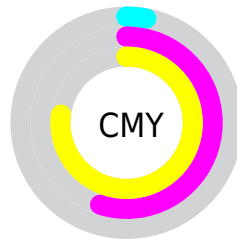
- Red (97%)
- Green (45%)
- Blue (23%)



- Red (97%)
- Yellow (55%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (55%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.8560, -44.7920, 86.9493 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 148.8560, -44.7920, 86.9493 by changing the saturation by 10% instead.

148.8560,
-44.7920, 86.9493

148.8560,
-44.7920, 86.9493

255.0000, 0.0000,
0.0000

120.5890,
-43.1814, 83.6754

189.0480,
-39.4637, 57.8399

92.6380, -44.1915,
81.0015

208.4480,
-36.2099, 40.8261

66.5910, -32.8294,
76.6577

227.9620,
-32.5193, 23.7123

36.7770, -18.1311,
75.6176

247.4760,
-28.8287, 6.5985

27.8070, -13.7089,
57.1743

250.7820,
-16.1615, 3.6992

19.1360, -9.4340,
39.3457

253.9740, -3.9312,

10.5790, -4.7224,

0.8998

21.4172

■ 0.0000, 0.0000,
0.0000

■ 148.8560,
-44.7920, 86.9493

■ 148.8560,
-44.7920, 86.9493

■ 136.0270,
-50.7923, 98.2003

■ 161.6850,
-38.7917, 75.6983

■ 123.1980,
-56.7926, 109.4514

■ 174.5140,
-32.7914, 64.4472

■ 118.7640,
-58.5507, 113.3400

■ 187.8160,
-27.5173, 52.7814

■ 200.6450,
-21.5170, 41.5303

■ 213.4740,
-15.5167, 30.2793

226.3030, -9.5164,
19.0283

239.7190, -3.8055,
7.2624

252.3200, 1.3212,
-3.7886

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



143.0000, -12.8180, 98.2240



148.8560, -44.7920, 86.9493



145.8230, -71.8907, 51.8982

Triad

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



148.8560, -44.7920, 86.9493



122.1270, 3.3884, -107.1054



146.7430, 53.3707, -38.3626

Complementary

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



148.8560, -44.7920, 86.9493



157.1440, 44.7920, -86.9493

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.



128.2730, 62.4764, -112.4954



148.8560, -44.7920, 86.9493



130.2380, 31.9277, -114.2187

Square

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



148.8560, -44.7920, 86.9493



129.7330, -32.4064, -59.4018



134.8610, 57.2565, -118.2731



158.8180, 40.0227, 43.1326

Rectangle

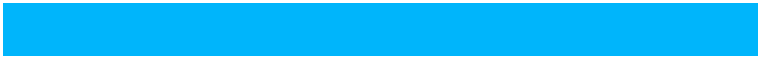
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



148.8560, -44.7920, 86.9493



142.6790, -70.3407, 21.3295



134.8610, 57.2565, -118.2731



120.6420, 66.2385, -105.8030

Sweetspot

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



148.8560, -44.7920, 86.9493



224.2070, -13.9061, 27.0055



129.9720, 30.0868, 103.5106



109.2210, -8.4900, 16.4692



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.



148.8560, -44.7920, 86.9493



132.5290, -55.4768, 107.4071



204.0340, -71.9948, 38.5582



118.2350, -3.0739, 5.9329



90.5570, -44.6446, 86.3345



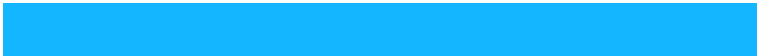
29.3920, -14.4903, 27.7202

Inverse Universe

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



157.1440, 44.7920, -86.9493



142.4710, 55.4768, -107.4071



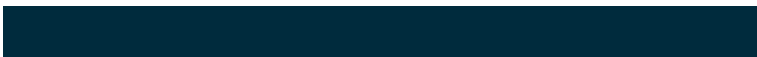
101.9660, 71.9948, -38.5582



118.7650, 3.0739, -5.9329



98.4430, 44.6446, -86.3345



32.1950, 14.2009, -28.2350

Previews

White Background



This preview shows how the YUV color 148.8560, -44.7920, 86.9493 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 148.8560, -44.7920, 86.9493 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 148.8560, -44.7920, 86.9493

Background



This preview shows how black text looks on a background with the YUV color 148.8560, -44.7920, 86.9493.



This preview shows how white text looks on a background with the YUV color 148.8560, -44.7920,

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

148.8560, -44.7920, 86.9493

Protanopia

151.1650, -40.5073, 19.1493

Deuteranopia

150.7670, -50.1711, 38.7923



Tritanopia

152.3700, -17.4374, 86.4985

Trichromacy



Original Color

148.8560, -44.7920, 86.9493

Protanomaly

149.9770, -41.8937, 43.8702

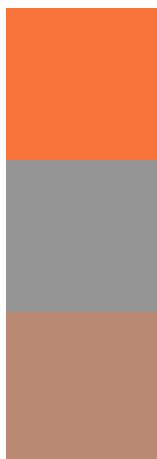
Deuteranomaly

149.7460, -48.1888, 56.3508

Tritanomaly

151.4380, -27.3309, 86.4389

Monochromacy



Original Color

148.8560, -44.7920, 86.9493

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9580, -16.2483, 31.6088

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.8560, -44.7920, 86.9493 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(248, 116, 58)` looks like.

```
.text, #text, p{  
    color:rgb(248, 116, 58)  
}
```

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(248, 116, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 116, 58) }
```

Border

The CSS property to change the border of an element to YUV 148.8560, -44.7920, 86.9493 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(248, 116, 58) }
```


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

```
.border{ border-color:rgb(248, 116, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 116, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 116, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 116, 58);  
box-shadow:4px 4px 4px 4px rgb(248, 116,  
58) }
```

Background

The CSS property to change the background color of an element to YUV 148.8560, -44.7920, 86.9493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 116, 58) }
```

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

```
.background{ background-color: rgb(248,  
116, 58) }
```

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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