

Converting Colors

YUV(149.7480, -67.9098,
81.7820)

Have a look what the booklet for
YUV(149.7480, -67.9098, 81.7820)
contains.

YUV(149.7480, -67.9098, 81.7820)	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(149.7480, -67.9098,
81.7820)**

Conversions

Conversions Part 1

Format	Color
Hex	F3810C
RGB	243, 129, 12
RGB Percent	95%, 51%, 5%
CMY	0.0471, 0.4941, 0.9529
CMYK	0.00, 0.47, 0.95, 0.05
HSL	30°, 91%, 50%
HSV	30°, 95%, 95%
XYZ	44.8788, 34.7817, 4.6960
YIQ	149.7480, 105.5010, -12.2190

Conversions

Conversions Part 2

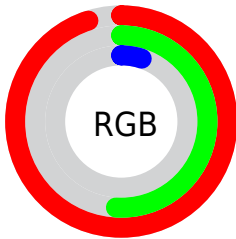
Format	Color
R_{YB}	237, 243, 12
Decimal	15958284
CIE Lab	65.58, 37.72, 70.51
CIE LCh	66, 79.968, 61.859
Yxy	34.7817, 0.5320, 0.4123
Android (android.graphics.Color)	4294148364 (0xFFFF3810C)
YUV	149.7480, -67.9098, 81.7820
Hunter-Lab	58.9760, 32.6243, 36.5622

Details

The YUV color **149.7480, -67.9098, 81.7820** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark saturated orange. A complement of this color would be **105.2520, 67.9098, -81.7820**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4440, -56.9139, 54.8616**, and **99.6060, -49.1058, 70.5055** is the 20% darker color. If you saturate the color by 10%, you get **144.8580, -71.4150, 86.0705**, and if you desaturate by 10%, it is **159.5280, -60.8993, 73.2049**.

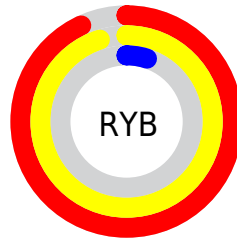
Distribution



Red (95%)

Green (51%)

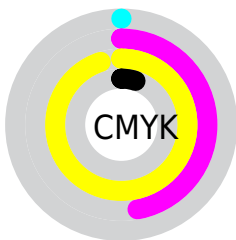
Blue (5%)



Red (93%)

Yellow (95%)

Blue (5%)

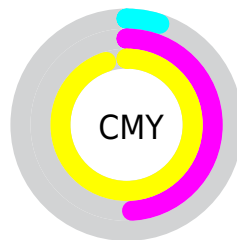


Cyan (0%)

Magenta (47%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.7480, -67.9098, 81.7820 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 149.7480, -67.9098, 81.7820 by changing the saturation by 10% instead.

149.7480,
-67.9098, 81.7820

149.7480,
-67.9098, 81.7820

255.0000, 0.0000,
0.0000

123.5500,
-60.9101, 76.6937

192.4440,
-56.9139, 54.8616

99.6060, -49.1058,
70.5055

211.9580,
-53.2233, 37.7478

75.3630, -37.1540,
63.7026

232.0590,
-49.8221, 20.1193

51.1310, -25.2076,
58.6441

244.0560,
-41.9326, 9.5979

26.3120, -12.9718,
54.1004

247.2480,
-29.7023, 6.7985

17.9400, -8.8444,
36.8866

250.5540,

9.6820, -4.2802,

-17.0351, 3.8991

19.5729

253.8600, -4.3680,
0.9998

0.0000, 0.0000,
0.0000

149.7480,
-67.9098, 81.7820

149.7480,
-67.9098, 81.7820

144.8580,
-71.4150, 86.0705

159.5280,
-60.8993, 73.2049

169.4220,
-53.4520, 64.5279

179.2020,
-46.4416, 55.9508

188.9820,
-39.4311, 47.3738

198.7620,
-32.4207, 38.7967

■ 208.6560,
-24.9734, 30.1197

■ 218.4360,
-17.9629, 21.5426

■ 228.2160,
-10.9525, 12.9656

■ 238.1100, -3.5052,
4.2885

Harmonies

Analogous

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



142.0420, -26.6427, 99.0642



149.7480, -67.9098, 81.7820



148.6590, -73.2889, 33.6251

Triad

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



149.7480, -67.9098, 81.7820



130.5850, 15.4876, -114.5230



158.2150, 47.7150, 2.4424

Complementary

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



149.7480, -67.9098, 81.7820



105.2520, 67.9098, -81.7820

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.



127.0990, 63.0552, -111.4658



149.7480, -67.9098, 81.7820



138.6790, 46.5003, -121.6215

Square

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



149.7480, -67.9098, 81.7820



119.6870, -16.1147, -104.9655



137.0780, 58.1355, -120.2174



159.1320, 33.9519, 77.0602

Rectangle

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



149.7480, -67.9098, 81.7820



142.5360, -70.2702, -1.3471



137.0780, 58.1355, -120.2174



149.7220, 51.9021, -33.9592

Sweetspot

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



149.7480, -67.9098, 81.7820



225.4320, -21.9050, 25.9311



94.2930, 16.6176, 130.4160



109.3690, -12.9999, 16.3394



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.



149.7480, -67.9098, 81.7820



151.9680, -74.9202, 90.3591



216.6660, -100.9003, 23.0949



117.1100, -3.5052, 4.2885



110.7920, -54.6205, 65.9574



35.2510, -17.3787, 20.8279

Inverse Universe

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



105.2520, 67.9098, -81.7820



103.0320, 74.9202, -90.3591



38.3340, 100.9003, -23.0949



114.8900, 3.5052, -4.2885



75.2080, 54.6205, -65.9574



23.7490, 17.3787, -20.8279

Previews

White Background



This preview shows how the YUV color 149.7480, -67.9098, 81.7820 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 149.7480, -67.9098, 81.7820 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 149.7480, -67.9098, 81.7820

Background



This preview shows how black text looks on a background with the YUV color 149.7480, -67.9098, 81.7820.



This preview shows how white text looks on a background with the YUV color 149.7480, -67.9098, 81.7820.

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

149.7480, -67.9098, 81.7820

Protanopia

150.4760, -62.3527, 25.8925

Deuteranopia

149.6220, -73.7636, 45.9355



Tritanopia

158.8850, -15.2263, 77.2769

Trichromacy



Original Color

149.7480, -67.9098, 81.7820

Protanomaly

150.4400, -64.3069, 46.0951

Deuteranomaly

149.8670, -71.9124, 58.8756

Tritanomaly

155.5590, -34.2926, 79.3168

Monochromacy



Original Color

149.7480, -67.9098, 81.7820

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

149.7700, -24.5366, 30.0197

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.7480, -67.9098, 81.7820 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(243, 129, 12)` looks like.

```
.text, #text, p{  
    color:rgb(243, 129, 12)  
}
```

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(243, 129, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 129, 12) }
```

Border

The CSS property to change the border of an element to YUV 149.7480, -67.9098, 81.7820 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(243, 129, 12) }
```


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

```
.border{ border-color:rgb(243, 129, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 129, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 129, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 129, 12);  
box-shadow:4px 4px 4px 4px rgb(243, 129,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 149.7480, -67.9098, 81.7820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 129, 12) }
```

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

```
.background{ background-color: rgb(243,  
129, 12) }
```

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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