

Converting Colors

YUV(151.7590, -67.9152,
83.5264)

Have a look what the booklet for
YUV(151.7590, -67.9152, 83.5264)
contains.

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Color

**YUV(151.7590, -67.9152,
83.5264)**

Conversions

Conversions Part 1

Format	Color
Hex	F7820E
RGB	247, 130, 14
RGB Percent	97%, 51%, 5%
CMY	0.0314, 0.4902, 0.9451
CMYK	0.00, 0.47, 0.94, 0.03
HSL	30°, 94%, 51%
HSV	30°, 94%, 97%
XYZ	46.4197, 35.7711, 4.8734
YIQ	151.7590, 106.9680, -11.2720

Conversions

Conversions Part 2

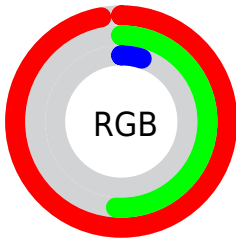
Format	Color
R _Y B	247, 245, 14
Decimal	16220686
CIE Lab	66.34, 38.82, 70.96
CIE LCh	66, 80.887, 61.320
Yxy	35.7711, 0.5332, 0.4109
Android (android.graphics.Color)	4294410766 (0xFFFF7820E)
YUV	151.7590, -67.9152, 83.5264
Hunter-Lab	59.8090, 33.8739, 37.0352

Details

The YUV color **151.7590, -67.9152, 83.5264** 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 **109.2410, 67.9152, -83.5264**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.1450, -56.7665, 54.2468**, and **100.5030, -49.5480, 72.3499** is the 20% darker color. If you saturate the color by 10%, you get **146.0540, -72.0046, 88.5296**, and if you desaturate by 10%, it is **161.6530, -60.4679, 74.8493**.

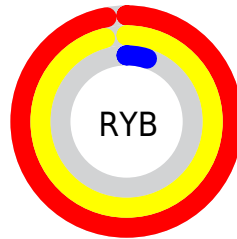
Distribution



Red (97%)

Green (51%)

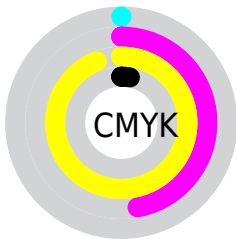
Blue (5%)



Red (97%)

Yellow (96%)

Blue (5%)

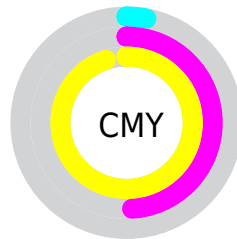


Cyan (0%)

Magenta (47%)

Yellow (94%)

Black (3%)



Cyan (3%)

Magenta (49%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.7590, -67.9152, 83.5264 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 151.7590, -67.9152, 83.5264 by changing the saturation by 10% instead.

151.7590,
-67.9152, 83.5264

151.7590,
-67.9152, 83.5264

255.0000, 0.0000,
0.0000

125.3330,
-61.7892, 78.6380

193.1450,
-56.7665, 54.2468

100.5030,
-49.5480, 72.3499

212.6590,
-53.0759, 37.1331

76.5590, -37.7436,
66.1618

232.7600,
-49.6747, 19.5045

52.6150, -25.9392,
59.9736

244.1700,
-41.4958, 9.4979

27.5080, -13.5614,
56.5595

247.3620,
-29.2655, 6.6985

18.8370, -9.2866,
38.7310

250.6680,

11.1770, -5.0173,

-16.5983, 3.7992

22.6468

253.9740, -3.9312,
0.8998

0.0000, 0.0000,
0.0000

151.7590,
-67.9152, 83.5264

151.7590,
-67.9152, 83.5264

146.0540,
-72.0046, 88.5296

161.6530,
-60.4679, 74.8493

172.0200,
-53.7469, 65.7575

181.9140,
-46.2996, 57.0804

192.3950,
-39.1417, 47.8886

202.2890,
-31.6945, 39.2115

■ 212.0690,
-24.6840, 30.6345

■ 222.5500,
-17.5261, 21.4427

■ 232.4440,
-10.0789, 12.7656

■ 242.8110, -3.3578,
3.6738

Harmonies

Analogous

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



142.2700, -25.7691, 98.8642



151.7590, -67.9152, 83.5264



150.4420, -74.1679, 35.5694

Triad

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



151.7590, -67.9152, 83.5264



131.8730, 15.3456, -115.6526



159.0900, 47.2836, 0.7981

Complementary

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



151.7590, -67.9152, 83.5264



109.2410, 67.9152, -83.5264

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



151.7590, -67.9152, 83.5264



140.0810, 46.7951, -122.8510

Square

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



151.7590, -67.9152, 83.5264



120.8610, -16.6935, -105.9951



138.2520, 57.5568, -121.2470



161.6590, 34.6781, 77.4751

Rectangle

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



151.7590, -67.9152, 83.5264



144.6070, -71.2913, -0.5323



138.2520, 57.5568, -121.2470



150.2980, 51.6181, -36.2183

Sweetspot

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



151.7590, -67.9152, 83.5264



225.7740, -20.5946, 25.6312



97.3470, 18.0699, 131.2457



110.0700, -12.8525, 15.7246



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.



151.7590, -67.9152, 83.5264



150.7940, -74.3414, 91.3887



218.0900, -100.6164, 25.3541



117.1100, -3.5052, 4.2885



110.2050, -54.3311, 66.4722



34.6640, -17.0894, 21.3427

Inverse Universe

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



109.2410, 67.9152, -83.5264



104.2060, 74.3414, -91.3887



42.9100, 100.6164, -25.3541



114.8900, 3.5052, -4.2885



75.7950, 54.3311, -66.4722



23.7490, 17.3787, -20.8279

Previews

White Background



This preview shows how the YUV color 151.7590, -67.9152, 83.5264 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 151.7590, -67.9152, 83.5264 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 151.7590, -67.9152, 83.5264 Background



This preview shows how black text looks on a background with the YUV color 151.7590, -67.9152, 83.5264.



This preview shows how white text looks on a background with the YUV color 151.7590, -67.9152, 83.5264.

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

151.7590, -67.9152, 83.5264

Protanopia

152.3620, -62.7895, 25.9925

Deuteranopia

150.8070, -74.3479, 46.6503



Tritanopia

160.7820, -15.6685, 79.1212

Trichromacy



Original Color

151.7590, -67.9152, 83.5264

Protanomaly

152.0380, -64.6017, 47.3247

Deuteranomaly

151.4650, -72.2072, 60.1052

Tritanomaly

157.4560, -34.7348, 81.1611

Monochromacy



Original Color

151.7590, -67.9152, 83.5264

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.0690, -24.6840, 30.6345

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.7590, -67.9152, 83.5264 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(247, 130, 14)` looks like.

```
.text, #text, p{  
    color:rgb(247, 130, 14)  
}
```

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(247, 130, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 130, 14) }
```

Border

The CSS property to change the border of an element to YUV 151.7590, -67.9152, 83.5264 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(247, 130, 14) }
```


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

```
.border{ border-color:rgb(247, 130, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 130, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 130, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 130, 14);  
box-shadow:4px 4px 4px 4px rgb(247, 130,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 151.7590, -67.9152, 83.5264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 130, 14) }
```

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

```
.background{ background-color: rgb(247,  
130, 14) }
```

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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