

Converting Colors

YUV(150.2180, -60.7465,
70.8458)

Have a look what the booklet for
YUV(150.2180, -60.7465, 70.8458)
contains.

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Color

**YUV(150.2180, -60.7465,
70.8458)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | E7851B |
| RGB | 231, 133, 27 |
| RGB Percent | 91%, 52%, 11% |
| CMY | 0.0941, 0.4784, 0.8941 |
| CMYK | 0.00, 0.42, 0.88, 0.09 |
| HSL | 31°, 81%, 51% |
| HSV | 31°, 88%, 91% |
| XYZ | 41.5404, 33.8431, 5.3799 |
| YIQ | 150.2180, 92.4340, -12.1900 |

Conversions

Conversions Part 2

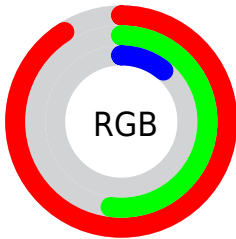
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 216, 231, 27 |
| Decimal | 15172891 |
| CIE Lab | 64.84, 31.00, 65.99 |
| CIE LCh | 65, 72.907, 64.833 |
| Yxy | 33.8431, 0.5143, 0.4190 |
| Android (android.graphics.Color) | 4293362971 (0xFFE7851B) |
| YUV | 150.2180, -60.7465, 70.8458 |
| Hunter-Lab | 58.1748, 25.6539, 35.2394 |

Details

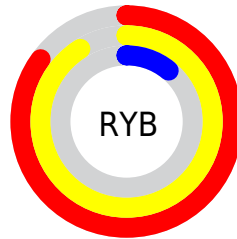
The YUV color **150.2180, -60.7465, 70.8458** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **107.7820, 60.7465, -70.8458**, and the grayscale version is **151.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.5900, -55.0139, 52.1026**, and **98.6650, -48.6418, 61.6838** is the 20% darker color. If you saturate the color by 10%, you get **141.1390, -67.6095, 78.8081**, and if you desaturate by 10%, it is **159.2970, -53.8834, 62.8835**.

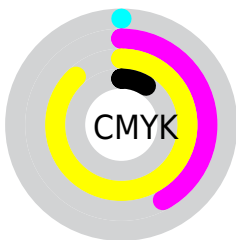
Distribution



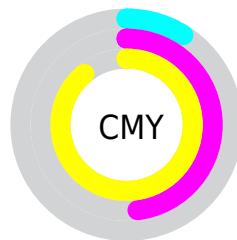
- Red (91%)
- Green (52%)
- Blue (11%)



- Red (85%)
- Yellow (91%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (88%)
- Black (9%)



- Cyan (9%)
- Magenta (48%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 150.2180, -60.7465, 70.8458 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 150.2180, -60.7465, 70.8458 by changing the saturation by 10% instead.

150.2180,
-60.7465, 70.8458

150.2180,
-60.7465, 70.8458

255.0000, 0.0000,
0.0000

122.6090,
-60.4462, 67.8719

195.5900,
-55.0139, 52.1026

98.6650, -48.6418,
61.6838

215.1040,
-51.3233, 34.9888

75.6070, -37.2743,
55.5957

234.6180,
-47.6327, 17.8750

53.1360, -26.1960,
48.9927

244.8540,
-38.8750, 8.8980

29.2030, -14.3971,
44.5490

248.0460,
-26.6447, 6.0987

15.8470, -7.8126,
32.5832

251.3520,

5.9800, -2.9481,

-13.9775, 3.1993

12.2955

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 150.2180,
-60.7465, 70.8458

■ 150.2180,
-60.7465, 70.8458

■ 141.1390,
-67.6095, 78.8081

■ 159.2970,
-53.8834, 62.8835

■ 139.5090,
-68.7779, 80.2376

■ 168.3760,
-47.0204, 54.9212

■ 177.4550,
-40.1573, 46.9590

■ 186.5340,
-33.2943, 38.9967

■ 195.6130,
-26.4312, 31.0344

■ 205.3930,
-19.4207, 22.4573

■ 214.4720,
-12.5577, 14.4951

■ 223.5510, -5.6946,
6.5328

■ 232.6300, 1.1684,
-1.4295

Harmonies

Analogous

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



147.0970, -30.1208, 94.6309



150.2180, -60.7465, 70.8458



145.9680, -71.9622, 28.0921

Triad

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



150.2180, -60.7465, 70.8458



128.6930, 18.3924, -112.8638



159.4440, 47.1091, 10.1346

Complementary

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



150.2180, -60.7465, 70.8458



107.7820, 60.7465, -70.8458

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.



124.1640, 64.5021, -108.8918



150.2180, -60.7465, 70.8458



135.4020, 46.6368, -118.7476

Square

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



150.2180, -60.7465, 70.8458



118.7070, -9.7156, -104.1060



134.1430, 59.5825, -117.6434



158.1010, 27.5582, 74.4564

Rectangle

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



150.2180, -60.7465, 70.8458



140.4970, -67.7860, -4.8209



134.1430, 59.5825, -117.6434



153.6530, 49.9641, -18.9897

Sweetspot

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



150.2180, -60.7465, 70.8458



228.6920, -19.5682, 23.0721



99.2820, 13.1720, 115.5167



112.2870, -11.9735, 13.7803



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.



150.2180, -60.7465, 70.8458



154.3160, -76.0778, 88.2999



206.8470, -88.6646, 18.5512



110.1100, -3.5052, 4.2885



108.1120, -53.2992, 62.1688



31.0980, -15.3313, 17.4541

Inverse Universe

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



107.7820, 60.7465, -70.8458



101.2710, 75.7884, -88.8147



51.1530, 88.6646, -18.5512



107.8900, 3.5052, -4.2885



70.8880, 53.2992, -62.1688



20.4890, 15.0419, -17.9689

Previews

White Background



This preview shows how the YUV color 150.2180, -60.7465, 70.8458 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 150.2180, -60.7465, 70.8458 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 150.2180, -60.7465, 70.8458 Background



This preview shows how black text looks on a background with the YUV color 150.2180, -60.7465, 70.8458.



This preview shows how white text looks on a background with the YUV color 150.2180, -60.7465, 70.8458.

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

150.2180, -60.7465, 70.8458

Protanopia

149.5450, -56.9637, 24.0780

Deuteranopia

148.8050, -67.9379, 44.0210



Tritanopia

158.5140, -12.5784, 67.9552

Trichromacy



Original Color

150.2180, -60.7465, 70.8458

Protanomaly

149.9000, -58.6177, 41.3067

Deuteranomaly

149.5550, -65.3496, 53.8873

Tritanomaly

155.2310, -30.1869, 69.0804

Monochromacy



Original Color

150.2180, -60.7465, 70.8458

Achromatopsia

150.0000, 0.0000, 0.0000

Achromatomaly

150.0190, -22.1944, 25.4163

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.2180, -60.7465, 70.8458 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(231, 133, 27)` looks like.

```
.text, #text, p{  
    color:rgb(231, 133, 27)  
}
```

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(231, 133, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 133, 27) }
```

Border

The CSS property to change the border of an element to YUV 150.2180, -60.7465, 70.8458 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(231, 133, 27) }
```


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

```
.border{ border-color:rgb(231, 133, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 133, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 133, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 133, 27);  
box-shadow:4px 4px 4px 4px rgb(231, 133,  
27) }
```

Background

The CSS property to change the background color of an element to YUV 150.2180, -60.7465, 70.8458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 133, 27) }
```

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

```
.background{ background-color: rgb(231,  
133, 27) }
```

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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