

Converting Colors

YUV(148.9760, -50.2742,
71.9350)

Have a look what the booklet for
YUV(148.9760, -50.2742, 71.9350)
contains.

YUV(148.9760, -50.2742, 71.9350)	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(148.9760, -50.2742,
71.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	E77F2F
RGB	231, 127, 47
RGB Percent	91%, 50%, 18%
CMY	0.0941, 0.5020, 0.8157
CMYK	0.00, 0.45, 0.80, 0.09
HSL	26°, 79%, 55%
HSV	26°, 80%, 91%
XYZ	41.0575, 32.3729, 6.7740
YIQ	148.9760, 87.6640, -2.8320

Conversions

Conversions Part 2

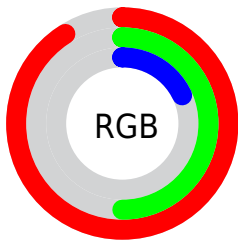
Format	Color
R _{YB}	231, 189, 47
Decimal	15171375
CIE Lab	63.65, 34.65, 58.08
CIE LCh	64, 67.629, 59.180
Yxy	32.3729, 0.5119, 0.4036
Android (android.graphics.Color)	4293361455 (0xFFE77F2F)
YUV	148.9760, -50.2742, 71.9350
Hunter-Lab	56.8972, 29.2369, 32.7692

Details

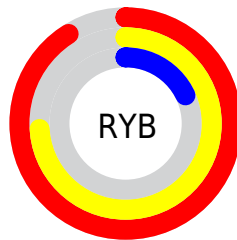
The YUV color **148.9760, -50.2742, 71.9350** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **129.0240, 50.2742, -71.9350**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.7780, -46.7256, 53.6917**, and **95.1430, -46.9055, 64.7726** is the 20% darker color. If you saturate the color by 10%, you get **138.7230, -56.5584, 80.9269**, and if you desaturate by 10%, it is **159.2290, -43.9899, 62.9432**.

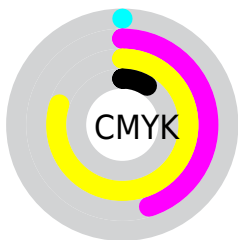
Distribution



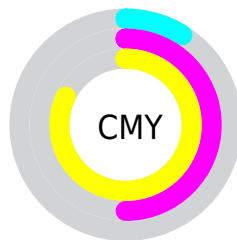
- Red (91%)
- Green (50%)
- Blue (18%)



- Red (91%)
- Yellow (74%)
- Blue (18%)



- Cyan (0%)
- Magenta (45%)
- Yellow (80%)
- Black (9%)



- Cyan (9%)
- Magenta (50%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YUV color 148.9760, -50.2742, 71.9350 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 148.9760, -50.2742, 71.9350 by changing the saturation by 10% instead.


 148.9760,
-50.2742, 71.9350


 148.9760,
-50.2742, 71.9350


255.0000, 0.0000,
0.0000


 121.1390,
-50.8475, 69.1611


 193.7780,
-46.7256, 53.6917


 95.1430, -46.9055,
64.7726


 213.1780,
-43.4718, 36.6779

 72.0850, -35.5379,
58.6845


 232.6920,
-39.7812, 19.5641

 48.4400, -23.8809,
53.1111

 246.4500,
-32.7599, 7.4983

 23.9200, -11.7926,
49.1822

 249.6420,
-20.5295, 4.6990

 15.8470, -7.8126,
32.5832

 252.9480, -7.8624,

 5.0830, -2.5059,

1.7996

10.4512

0.0000, 0.0000,
0.0000

148.9760,
-50.2742, 71.9350

148.9760,
-50.2742, 71.9350

138.7230,
-56.5584, 80.9269

159.2290,
-43.9899, 62.9432

128.4700,
-62.8427, 89.9188

169.4820,
-37.7056, 53.9513

127.7690,
-62.9901, 90.5336

179.7350,
-31.4214, 44.9594

189.9880,
-25.1371, 35.9675

200.2410,
-18.8528, 26.9756

■ 210.6080,
-12.1317, 17.8838

■ 220.8610, -5.8475,
8.8919

■ 231.1140, 0.4368,
-0.1000

■ 241.9540, 6.4317,
-9.6067

Harmonies

Analogous

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



147.4050, -23.8637, 94.3608



148.9760, -50.2742, 71.9350



143.9520, -70.9683, 35.9991

Triad

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



148.9760, -50.2742, 71.9350



124.0480, 13.2873, -108.7901



155.2140, 49.1945, -5.4497

Complementary

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



148.9760, -50.2742, 71.9350



129.0240, 50.2742, -71.9350

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



148.9760, -50.2742, 71.9350



130.8880, 39.4952, -114.7888

Square

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



148.9760, -50.2742, 71.9350



114.6430, -12.6420, -98.7879



132.3820, 60.4507, -116.0990



157.1700, 29.4962, 59.4869

Rectangle

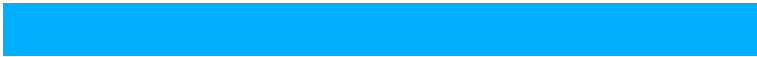
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



148.9760, -50.2742, 71.9350



141.4580, -61.8508, 4.8603



132.3820, 60.4507, -116.0990



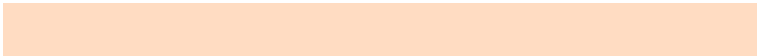
147.9500, 52.7757, -34.1591

Sweetspot

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



148.9760, -50.2742, 71.9350



227.5010, -16.5160, 24.1166



113.8720, 18.3041, 102.7213



111.4550, -10.0843, 14.5100



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.



148.9760, -50.2742, 71.9350



146.0640, -67.0796, 95.5369



202.9800, -76.8981, 24.5735



109.5230, -3.2158, 4.8033



99.3070, -48.9584, 69.8908



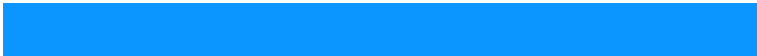
28.1630, -13.8844, 20.0280

Inverse Universe

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



129.0240, 50.2742, -71.9350



119.5230, 66.7902, -96.0517



75.0200, 76.8981, -24.5735



108.4770, 3.2158, -4.8033



79.6930, 48.9584, -69.8908



22.8370, 13.8844, -20.0280

Previews

White Background



This preview shows how the YUV color 148.9760, -50.2742, 71.9350 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 148.9760, -50.2742, 71.9350 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 148.9760, -50.2742, 71.9350

Background



This preview shows how black text looks on a background with the YUV color 148.9760, -50.2742, 71.9350.



This preview shows how white text looks on a background with the YUV color 148.9760, -50.2742, 71.9350.

71.9350.

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

148.9760, -50.2742, 71.9350

Protanopia

148.8680, -46.7699, 21.1638

Deuteranopia

148.8550, -53.6655, 39.5922



Tritanopia

154.5960, -13.6048, 70.5143

Trichromacy



Original Color

148.9760, -50.2742, 71.9350

Protanomaly

148.9350, -48.2820, 39.5220

Deuteranomaly

148.9750, -52.2457, 50.8879

Tritanomaly

152.7520, -26.9927, 71.2545

Monochromacy



Original Color

148.9760, -50.2742, 71.9350

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0560, -18.2686, 26.2609

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9760, -50.2742, 71.9350 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, 127, 47)` looks like.

```
.text, #text, p{  
    color:rgb(231, 127, 47)  
}
```

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, 127, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 127, 47) }
```

Border

The CSS property to change the border of an element to YUV 148.9760, -50.2742, 71.9350 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, 127, 47) }
```


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

```
.border{ border-color:rgb(231, 127, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 127, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 127, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 127, 47);  
box-shadow:4px 4px 4px 4px rgb(231, 127,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 148.9760, -50.2742, 71.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 127, 47) }
```

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

```
.background{ background-color: rgb(231,  
127, 47) }
```

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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