

Converting Colors

YUV(146.9930, -66.0585,
94.7221)

Have a look what the booklet for
YUV(146.9930, -66.0585, 94.7221)
contains.

YUV(146.9930, -66.0585, 94.7221)	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(146.9930, -66.0585,
94.7221)**

Conversions

Conversions Part 1

Format	Color
Hex	FF760D
RGB	255, 118, 13
RGB Percent	100%, 46%, 5%
CMY	0.0000, 0.5373, 0.9490
CMYK	0.00, 0.54, 0.95, 0.00
HSL	26°, 100%, 53%
HSV	26°, 95%, 100%
XYZ	47.7911, 34.2459, 4.4720
YIQ	146.9930, 115.3570, -3.6110

Conversions

Conversions Part 2

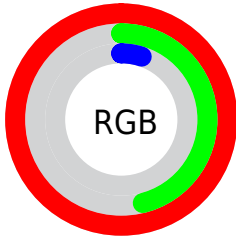
Format	Color
R_{YB}	255, 198, 13
Decimal	16741901
CIE _{Lab}	65.16, 47.78, 70.92
CIE _{LCh}	65, 85.514, 56.033
Yxy	34.2459, 0.5524, 0.3959
Android (android.graphics.Color)	4294931981 (0xFFFF760D)
YUV	146.9930, -66.0585, 94.7221
Hunter-Lab	58.5200, 43.3641, 36.4331

Details

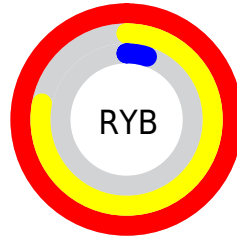
The YUV color **146.9930, -66.0585, 94.7221** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **121.0070, 66.0585, -94.7221**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.4600, -54.4568, 60.1096**, and **94.9650, -46.8177, 83.3457** is the 20% darker color. If you saturate the color by 10%, you get **141.4020, -69.7112, 99.6254**, and if you desaturate by 10%, it is **158.1750, -58.7533, 84.9155**.

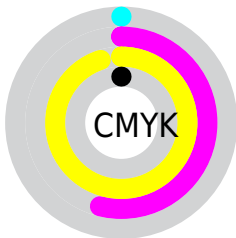
Distribution



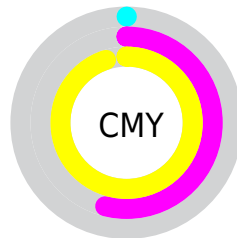
- Red (100%)
- Green (46%)
- Blue (5%)



- Red (100%)
- Yellow (78%)
- Blue (5%)



- Cyan (0%)
- Magenta (54%)
- Yellow (95%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.9930, -66.0585, 94.7221 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 146.9930, -66.0585, 94.7221 by changing the saturation by 10% instead.

146.9930,
-66.0585, 94.7221

146.9930,
-66.0585, 94.7221

255.0000, 0.0000,
0.0000

119.7950,
-59.0589, 89.6338

186.4600,
-54.4568, 60.1096

94.9650, -46.8177,
83.3457

205.9740,
-50.7662, 42.9958

68.9610, -33.9978,
78.0872

226.0750,
-47.3650, 25.3672

37.9730, -18.7207,
78.0767

243.9420,
-42.3694, 9.6979

29.0030, -14.2985,
59.6334

247.1340,
-30.1391, 6.8985

20.3320, -10.0237,
41.8048

250.3260,

12.0740, -5.4595,

-17.9087, 4.0991


24.4911


 253.7460, -4.8048,
1.0998

 0.0000, 0.0000,
0.0000


 146.9930,
-66.0585, 94.7221


 146.9930,
-66.0585, 94.7221

 141.4020,
-69.7112, 99.6254

 158.1750,
-58.7533, 84.9155

 169.8300,
-52.1742, 74.6941

 181.0120,
-44.8689, 64.8875

 192.6670,
-38.2898, 54.6660

 203.8490,
-30.9846, 44.8594

■ 215.5040,
-24.4055, 34.6380

■ 226.6860,
-17.1002, 24.8314

■ 237.7540,
-10.2317, 15.1247

■ 249.5230, -3.2158,
4.8033

Harmonies

Analogous

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



132.9750, -18.2287, 107.0159



146.9930, -66.0585, 94.7221



148.1380, -73.0320, 44.6060

Triad

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



146.9930, -66.0585, 94.7221



128.6470, 8.0620, -112.8234



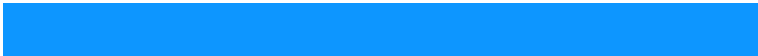
150.6960, 51.4219, -19.9044

Complementary

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



146.9930, -66.0585, 94.7221



121.0070, 66.0585, -94.7221

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.



129.4470, 61.8976, -113.5250



146.9930, -66.0585, 94.7221



138.2400, 42.2797, -121.2365

Square

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



146.9930, -66.0585, 94.7221



115.8910, -25.5823, -101.6364



138.2520, 57.5568, -121.2470



158.6780, 42.5567, 70.4424

Rectangle

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



146.9930, -66.0585, 94.7221



143.4770, -70.7342, 7.4747



138.2520, 57.5568, -121.2470



127.8510, 62.6845, -85.8153

Sweetspot

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



146.9930, -66.0585, 94.7221



223.4260, -19.4370, 27.6904



100.9760, 24.1688, 135.0790



108.3090, -11.9843, 17.2690



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.



146.9930, -66.0585, 94.7221



141.4020, -69.7112, 99.6254



218.0200, -101.0749, 32.4315



121.8220, -3.3632, 5.4181



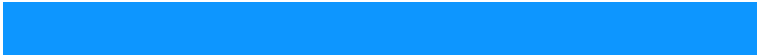
105.8300, -52.1742, 74.6941



35.5720, -17.5370, 24.9314

Inverse Universe

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



121.0070, 66.0585, -94.7221



113.5980, 69.7112, -99.6254



49.9800, 101.0749, -32.4315



120.5910, 3.6526, -4.9033



85.1700, 52.1742, -74.6941



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 146.9930, -66.0585, 94.7221 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 146.9930, -66.0585, 94.7221 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 146.9930, -66.0585, 94.7221 Background



This preview shows how black text looks on a background with the YUV color 146.9930, -66.0585, 94.7221.



This preview shows how white text looks on a background with the YUV color 146.9930, -66.0585, 94.7221.

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

146.9930, -66.0585, 94.7221

Protanopia

149.9320, -60.6055, 25.4926

Deuteranopia

147.8500, -72.8901, 45.7356



Tritanopia

155.5550, -18.0216, 87.2133

Trichromacy



Original Color

146.9930, -66.0585, 94.7221

Protanomaly

148.9290, -62.5760, 50.9283

Deuteranomaly

147.3560, -70.1815, 63.7088

Tritanomaly

152.2830, -35.6355, 90.0828

Monochromacy



Original Color

146.9930, -66.0585, 94.7221

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.6180, -23.9687, 34.5380

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.9930, -66.0585, 94.7221 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(255, 118, 13)` looks like.

```
.text, #text, p{  
    color:rgb(255, 118, 13)  
}
```

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(255, 118, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 118, 13) }
```

Border

The CSS property to change the border of an element to YUV 146.9930, -66.0585, 94.7221 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(255, 118, 13) }
```


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

```
.border{ border-color:rgb(255, 118, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 118, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 118, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 118, 13);  
box-shadow:4px 4px 4px 4px rgb(255, 118,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 146.9930, -66.0585, 94.7221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 118, 13) }
```

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

```
.background{ background-color: rgb(255,  
118, 13) }
```

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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