

Converting Colors

YUV(144.8900, -66.5008,
96.5665)

Have a look what the booklet for
YUV(144.8900, -66.5008, 96.5665)
contains.

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Color

**YUV(144.8900, -66.5008,
96.5665)**

Conversions

Conversions Part 1

Format	Color
Hex	FF730A
RGB	255, 115, 10
RGB Percent	100%, 45%, 4%
CMY	0.0000, 0.5490, 0.9608
CMYK	0.00, 0.55, 0.96, 0.00
HSL	26°, 100%, 52%
HSV	26°, 96%, 100%
XYZ	47.4255, 33.5434, 4.2621
YIQ	144.8900, 117.1450, -2.9750

Conversions

Conversions Part 2

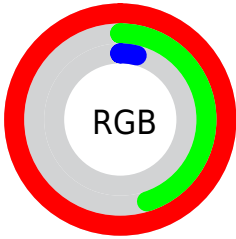
Format	Color
R_{YB}	255, 194, 10
Decimal	16741130
CIE Lab	64.60, 49.17, 71.06
CIE LCh	65, 86.409, 55.317
Yxy	33.5434, 0.5564, 0.3936
Android (android.graphics.Color)	4294931210 (0xFFFF730A)
YUV	144.8900, -66.5008, 96.5665
Hunter-Lab	57.9166, 44.8120, 36.1785

Details

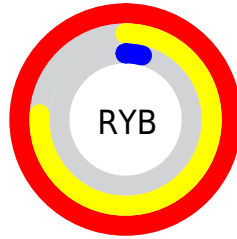
The YUV color **144.8900, -66.5008, 96.5665** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **120.1100, 66.5008, -96.5665**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.4710, -54.4622, 61.8539**, and **92.6170, -45.6602, 85.4049** is the 20% darker color. If you saturate the color by 10%, you get **140.2280, -69.1324, 100.6550**, and if you desaturate by 10%, it is **156.5450, -59.9217, 86.3450**.

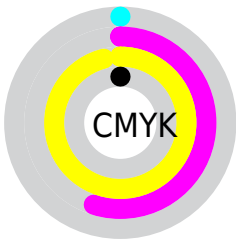
Distribution



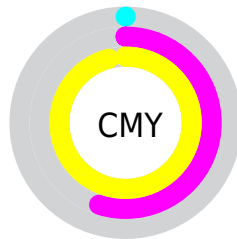
- Red (100%)
- Green (45%)
- Blue (4%)



- Red (100%)
- Yellow (76%)
- Blue (4%)



- Cyan (0%)
- Magenta (55%)
- Yellow (96%)
- Black (0%)



- Cyan (0%)
- Magenta (55%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 144.8900, -66.5008, 96.5665 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 144.8900, -66.5008, 96.5665 by changing the saturation by 10% instead.

144.8900,
-66.5008, 96.5665

144.8900,
-66.5008, 96.5665

255.0000, 0.0000,
0.0000

118.0340,
-58.1908, 91.1782

184.4710,
-54.4622, 61.8539

92.6170, -45.6602,
85.4049

203.9850,
-50.7716, 44.7402

66.6130, -32.8402,
80.1464

224.0860,
-47.3704, 27.1116

37.9730, -18.7207,
78.0767

243.7140,
-43.2430, 9.8978

28.7040, -14.1511,
59.0186

246.9060,
-31.0127, 7.0984


20.0330, -9.8763,
41.1901

250.2120,

11.7750, -5.3121,

-18.3455, 4.1991


23.8763

 253.5180, -5.6784,
1.2997

 0.0000, 0.0000,
0.0000

 144.8900,
-66.5008, 96.5665


 144.8900,
-66.5008, 96.5665


 140.2280,
-69.1324, 100.6550

 156.5450,
-59.9217, 86.3450

 167.7270,
-52.6164, 76.5384

 179.4960,
-45.6005, 66.2170

 190.5640,
-38.7321, 56.5104

 202.3330,
-31.7162, 46.1890

■ 213.4010,
-24.8477, 36.4823

■ 225.1700,
-17.8318, 26.1609

■ 236.8250,
-11.2527, 15.9395

■ 248.0070, -3.9475,
6.1329

Harmonies

Analogous

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



130.6270, -17.0711, 109.0751



144.8900, -66.5008, 96.5665



146.9640, -72.4533, 45.6356

Triad

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



144.8900, -66.5008, 96.5665



127.1310, 7.3304, -111.4939



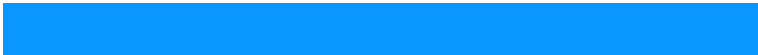
148.3040, 52.6011, -24.8226

Complementary

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



144.8900, -66.5008, 96.5665



120.1100, 66.5008, -96.5665

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.



128.8600, 62.1870, -113.0102



144.8900, -66.5008, 96.5665



136.7240, 41.5481, -119.9069

Square

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



144.8900, -66.5008, 96.5665



114.8480, -27.0401, -100.7217



137.6650, 57.8462, -120.7322



157.3080, 43.7252, 69.0129

Rectangle

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



144.8900, -66.5008, 96.5665



142.3030, -70.1554, 8.5043



137.6650, 57.8462, -120.7322



118.8810, 67.1067, -104.2586

Sweetspot

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



144.8900, -66.5008, 96.5665



221.9100, -20.1686, 29.0199



99.5570, 26.3474, 136.3235



107.6080, -12.1317, 17.8838



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.



144.8900, -66.5008, 96.5665



140.2280, -69.1324, 100.6550



215.3300, -101.2277, 34.7906



121.8220, -3.3632, 5.4181



105.2430, -51.8848, 75.2089



34.9850, -17.2476, 25.4462

Inverse Universe

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



120.1100, 66.5008, -96.5665



114.7720, 69.1324, -100.6550



49.6700, 101.2277, -34.7906



120.5910, 3.6526, -4.9033



85.7570, 51.8848, -75.2089



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 144.8900, -66.5008, 96.5665 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 144.8900, -66.5008, 96.5665 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 144.8900, -66.5008, 96.5665

Background



This preview shows how black text looks on a background with the YUV color 144.8900, -66.5008, 96.5665.



This preview shows how white text looks on a background with the YUV color 144.8900, -66.5008,

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

144.8900, -66.5008, 96.5665

Protanopia

148.0460, -60.1687, 25.3927

Deuteranopia

146.6650, -72.3058, 45.0208



Tritanopia

153.4520, -18.4638, 89.0576

Trichromacy



Original Color

144.8900, -66.5008, 96.5665

Protanomaly

146.9290, -62.5760, 50.9283

Deuteranomaly

146.3560, -70.1815, 63.7088

Tritanomaly

150.1800, -36.0777, 91.9271

Monochromacy



Original Color

144.8900, -66.5008, 96.5665

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9170, -24.1161, 35.1528

CSS Examples

Text

The CSS property to change the color of the text to YUV 144.8900, -66.5008, 96.5665 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, 115, 10)` looks like.

```
.text, #text, p{  
    color:rgb(255, 115, 10)  
}
```

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, 115, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 115, 10) }
```

Border

The CSS property to change the border of an element to YUV 144.8900, -66.5008, 96.5665 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, 115, 10) }
```


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

```
.border{ border-color:rgb(255, 115, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 115, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 115, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 115, 10);  
box-shadow:4px 4px 4px 4px rgb(255, 115,  
10) }
```

Background

The CSS property to change the background color of an element to YUV 144.8900, -66.5008, 96.5665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 115, 10) }
```

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

```
.background{ background-color: rgb(255,  
115, 10) }
```

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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