

Converting Colors

YUV(146.3350, -64.7482,
94.4222)

Have a look what the booklet for
YUV(146.3350, -64.7482, 94.4222)
contains.

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Color

**YUV(146.3350, -64.7482,
94.4222)**

Conversions

Conversions Part 1

Format	Color
Hex	FE750F
RGB	254, 117, 15
RGB Percent	100%, 46%, 6%
CMY	0.0039, 0.5412, 0.9412
CMYK	0.00, 0.54, 0.94, 0.00
HSL	26°, 99%, 53%
HSV	26°, 94%, 100%
XYZ	47.3206, 33.8279, 4.4873
YIQ	146.3350, 114.3940, -2.6780

Conversions

Conversions Part 2

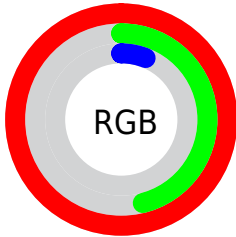
Format	Color
R _Y B	254, 193, 15
Decimal	16676111
CIE Lab	64.83, 47.90, 70.27
CIE LCh	65, 85.043, 55.721
Yxy	33.8279, 0.5526, 0.3950
Android (android.graphics.Color)	4294866191 (0xFFFE750F)
YUV	146.3350, -64.7482, 94.4222
Hunter-Lab	58.1618, 43.4450, 36.1389

Details

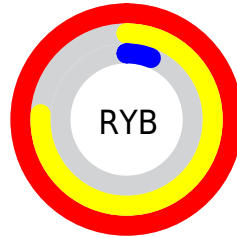
The YUV color **146.3350, -64.7482, 94.4222** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **122.6650, 64.7482, -94.4222**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9870, -53.7306, 60.5244**, and **94.0790, -46.3809, 83.2457** is the 20% darker color. If you saturate the color by 10%, you get **139.3420, -68.6956, 100.5551**, and if you desaturate by 10%, it is **157.9900, -58.1691, 84.2008**.

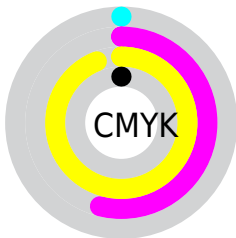
Distribution



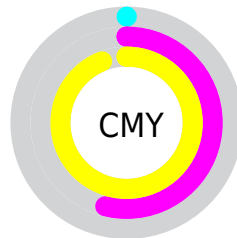
- Red (100%)
- Green (46%)
- Blue (6%)



- Red (100%)
- Yellow (76%)
- Blue (6%)



- Cyan (0%)
- Magenta (54%)
- Yellow (94%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3350, -64.7482, 94.4222 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 146.3350, -64.7482, 94.4222 by changing the saturation by 10% instead.

146.3350,
-64.7482, 94.4222

146.3350,
-64.7482, 94.4222

255.0000, 0.0000,
0.0000

118.9090,
-58.6221, 89.5338

185.9870,
-53.7306, 60.5244

94.0790, -46.3809,
83.2457

205.5010,
-50.0400, 43.4106

68.3740, -33.7084,
78.6020

225.0150,
-46.3494, 26.2968

37.6740, -18.5733,
77.4619

243.9420,
-42.3694, 9.6979

28.7040, -14.1511,
59.0186

247.1340,
-30.1391, 6.8985

20.0330, -9.8763,
41.1901

250.4400,

11.7750, -5.3121,

-17.4719, 3.9991


23.8763

 253.7460, -4.8048,
1.0998

 0.0000, 0.0000,
0.0000

 146.3350,
-64.7482, 94.4222

 146.3350,
-64.7482, 94.4222

 139.3420,
-68.6956, 100.5551

 157.9900,
-58.1691, 84.2008

 169.1720,
-50.8638, 74.3942

 180.8270,
-44.2847, 64.1727

 192.0090,
-36.9794, 54.3661

 203.6640,
-30.4004, 44.1447

■ 214.7320,
-23.5319, 34.4380

■ 226.5010,
-16.5160, 24.1166

■ 237.5690, -9.6475,
14.4100

■ 249.3380, -2.6316,
4.0886

Harmonies

Analogous

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



132.3880, -17.9393, 107.5307



146.3350, -64.7482, 94.4222



147.5510, -72.7426, 45.1208

Triad

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



146.3350, -64.7482, 94.4222



127.9460, 7.9146, -112.2086



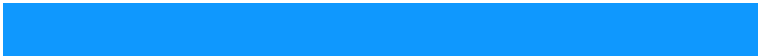
149.7990, 51.8641, -21.7487

Complementary

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



146.3350, -64.7482, 94.4222



122.6650, 64.7482, -94.4222

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



146.3350, -64.7482, 94.4222



136.8380, 41.9849, -120.0069

Square

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



146.3350, -64.7482, 94.4222



115.1900, -25.7297, -101.0216



137.6650, 57.8462, -120.7322



157.6670, 42.5622, 68.6980

Rectangle

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



146.3350, -64.7482, 94.4222



142.8900, -70.4448, 7.9895



137.6650, 57.8462, -120.7322



125.4590, 63.8637, -90.7335

Sweetspot

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



146.3350, -64.7482, 94.4222



222.8390, -19.1476, 28.2052



102.3070, 25.4846, 133.0348



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.



146.3350, -64.7482, 94.4222



140.2280, -69.1324, 100.6550



215.0140, -98.6069, 34.1907



121.8220, -3.3632, 5.4181



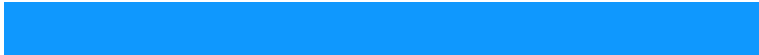
105.2430, -51.8848, 75.2089



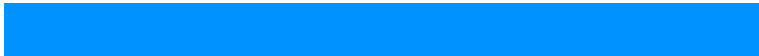
34.9850, -17.2476, 25.4462

Inverse Universe

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



122.6650, 64.7482, -94.4222



114.7720, 69.1324, -100.6550



53.9860, 98.6069, -34.1907



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 146.3350, -64.7482, 94.4222 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 146.3350, -64.7482, 94.4222 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 146.3350, -64.7482, 94.4222

Background



This preview shows how black text looks on a background with the YUV color 146.3350, -64.7482, 94.4222.



This preview shows how white text looks on a background with the YUV color 146.3350, -64.7482, 94.4222.

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

146.3350, -64.7482, 94.4222

Protanopia

149.1600, -59.7319, 25.2927

Deuteranopia

147.5510, -72.7426, 45.1208



Tritanopia

154.8540, -18.1690, 87.8280

Trichromacy



Original Color

146.3350, -64.7482, 94.4222

Protanomaly

148.1570, -61.7024, 50.7283

Deuteranomaly

147.0570, -70.0341, 63.0940

Tritanomaly

151.8100, -34.9093, 90.4976

Monochromacy



Original Color

146.3350, -64.7482, 94.4222

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.7320, -23.5319, 34.4380

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3350, -64.7482, 94.4222 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(254, 117, 15)` looks like.

```
.text, #text, p{  
    color:rgb(254, 117, 15)  
}
```

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(254, 117, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 117, 15) }
```

Border

The CSS property to change the border of an element to YUV 146.3350, -64.7482, 94.4222 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(254, 117, 15) }
```


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

```
.border{ border-color:rgb(254, 117, 15) }
```

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

Here you see how a box with a 4 pixel rgb(254, 117, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 117, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 117, 15);  
box-shadow:4px 4px 4px 4px rgb(254, 117,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 146.3350, -64.7482, 94.4222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 117, 15) }
```

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

```
.background{ background-color: rgb(254,  
117, 15) }
```

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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