

Converting Colors

YUV(145.1840, -69.1107,
93.6776)

Have a look what the booklet for
YUV(145.1840, -69.1107, 93.6776)
contains.

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Color

**YUV(145.1840, -69.1107,
93.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	FC7605
RGB	252, 118, 5
RGB Percent	99%, 46%, 2%
CMY	0.0118, 0.5373, 0.9804
CMYK	0.00, 0.53, 0.98, 0.01
HSL	27°, 98%, 50%
HSV	27°, 98%, 99%
XYZ	46.6507, 33.6633, 4.1825
YIQ	145.1840, 116.1370, -6.7350

Conversions

Conversions Part 2

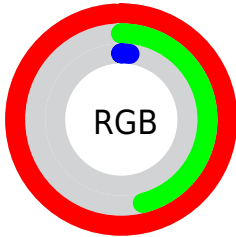
Format	Color
RYB	252, 213, 5
Decimal	16545285
CIELab	64.69, 46.59, 71.65
CIElCh	65, 85.460, 56.968
Yxy	33.6633, 0.5521, 0.3984
Android (android.graphics.Color)	4294735365 (0xFFFC7605)
YUV	145.1840, -69.1107, 93.6776
Hunter-Lab	58.0201, 41.9868, 36.3400

Details

The YUV color **145.1840, -69.1107, 93.6776** 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 **111.8160, 69.1107, -93.6776**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.5310, -55.4778, 60.9243**, and **94.0680, -46.3755, 81.5014** is the 20% darker color. If you saturate the color by 10%, you get **142.8530, -70.4265, 95.7219**, and if you desaturate by 10%, it is **156.2520, -62.2422, 83.9710**.

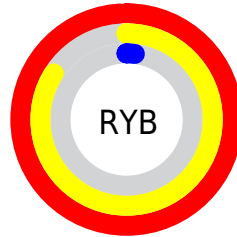
Distribution



Red (99%)

Green (46%)

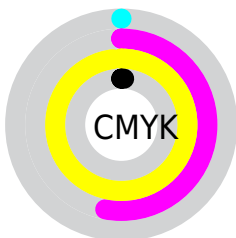
Blue (2%)



Red (99%)

Yellow (84%)

Blue (2%)

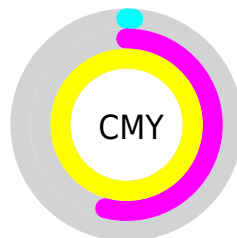


Cyan (0%)

Magenta (53%)

Yellow (98%)

Black (1%)



Cyan (1%)

Magenta (54%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.1840, -69.1107, 93.6776 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 145.1840, -69.1107, 93.6776 by changing the saturation by 10% instead.

145.1840,
-69.1107, 93.6776

145.1840,
-69.1107, 93.6776

255.0000, 0.0000,
0.0000

119.4850,
-58.9061, 87.2747

185.5310,
-55.4778, 60.9243

94.0680, -46.3755,
81.5014

205.6320,
-52.0766, 43.2957

68.9500, -33.9923,
76.3429

225.1460,
-48.3860, 26.1820

37.6630, -18.5679,
75.7175

243.6000,
-43.6798, 9.9978

28.1060, -13.8563,
57.7890

246.7920,
-31.4495, 7.1984


19.7340, -9.7289,
40.5753

249.9840,


11.1770, -5.0173,


-19.2191, 4.3990


22.6468


 253.4040, -6.1152,
1.3997

 0.0000, 0.0000,
0.0000


 145.1840,
-69.1107, 93.6776


 145.1840,
-69.1107, 93.6776

 142.8530,
-70.4265, 95.7219

 156.2520,
-62.2422, 83.9710

 166.7330,
-55.0844, 74.7792

 177.9150,
-47.7791, 64.9725

 188.9830,
-40.9106, 55.2659

 199.4640,
-33.7528, 46.0741

■ 210.5320,
-26.8843, 36.3674

■ 221.6000,
-20.0158, 26.6608

■ 232.1950,
-12.4211, 17.3690

■ 243.2630, -5.5527,
7.6623

Harmonies

Analogous

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



132.6330, -19.5391, 107.3159



145.1840, -69.1107, 93.6776



147.2410, -72.5898, 42.7616

Triad

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



145.1840, -69.1107, 93.6776



128.2880, 9.2250, -112.5086



150.4190, 51.5584, -17.0305

Complementary

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



145.1840, -69.1107, 93.6776



111.8160, 69.1107, -93.6776

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.



128.2730, 62.4764, -112.4954



145.1840, -69.1107, 93.6776



137.1800, 43.2953, -120.3069

Square

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



145.1840, -69.1107, 93.6776



115.5320, -24.4193, -101.3216



137.6650, 57.8462, -120.7322



157.1620, 41.8251, 71.7719

Rectangle

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



145.1840, -69.1107, 93.6776



142.5800, -70.2919, 5.6303



137.6650, 57.8462, -120.7322



131.4610, 60.9047, -74.9493

Sweetspot

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



145.1840, -69.1107, 93.6776



223.0840, -20.7474, 27.9903



94.3570, 22.9950, 138.2529



108.1950, -12.4211, 17.3690



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.



145.1840, -69.1107, 93.6776



144.9240, -71.4475, 96.5367



216.7980, -104.4164, 30.8722



119.4090, -3.6526, 4.9033



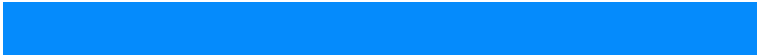
106.9930, -52.7475, 71.9201



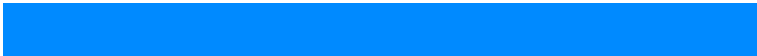
34.6750, -17.0948, 23.0870

Inverse Universe

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



111.8160, 69.1107, -93.6776



110.0760, 71.4475, -96.5367



40.2020, 104.4164, -30.8722



117.5910, 3.6526, -4.9033



81.4200, 53.0369, -71.4053



26.3250, 17.0948, -23.0870

Previews

White Background



This preview shows how the YUV color 145.1840, -69.1107, 93.6776 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 145.1840, -69.1107, 93.6776 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 145.1840, -69.1107, 93.6776

Background



This preview shows how black text looks on a background with the YUV color 145.1840, -69.1107, 93.6776.



This preview shows how white text looks on a background with the YUV color 145.1840, -69.1107, 93.6776.

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

145.1840, -69.1107, 93.6776

Protanopia

148.2910, -61.7685, 25.1778

Deuteranopia

146.9640, -72.4533, 45.6356



Tritanopia

154.1530, -18.3164, 88.4428

Trichromacy



Original Color

145.1840, -69.1107, 93.6776

Protanomaly

146.7610, -64.4652, 50.1986

Deuteranomaly

146.4160, -71.1971, 62.7792

Tritanomaly

150.9410, -36.9459, 90.3827

Monochromacy



Original Color

145.1840, -69.1107, 93.6776

Achromatopsia

145.0000, 0.0000, 0.0000

Achromatomaly

144.9770, -25.1317, 34.2232

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.1840, -69.1107, 93.6776 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(252, 118, 5)` looks like.

```
.text, #text, p{  
    color:rgb(252, 118, 5)  
}
```

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(252, 118, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 118, 5) }
```

Border

The CSS property to change the border of an element to YUV 145.1840, -69.1107, 93.6776 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(252, 118, 5) }
```


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

```
.border{ border-color:rgb(252, 118, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 118, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 118, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 118, 5);  
box-shadow:4px 4px 4px 4px rgb(252, 118,  
5) }
```

Background

The CSS property to change the background color of an element to YUV 145.1840, -69.1107, 93.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 118, 5) }
```

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

```
.background{ background-color: rgb(252,  
118, 5) }
```

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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