

Converting Colors

YIQ(145.7600, 114.3950,
-8.2050)

Have a look what the booklet for
YIQ(145.7600, 114.3950, -8.2050)
contains.

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Color

**YIQ(145.7600, 114.3950,
-8.2050)**

Conversions

Conversions Part 1

Format	Color
Hex	FA7805
RGB	250, 120, 5
RGB Percent	98%, 47%, 2%
CMY	0.0194, 0.5296, 0.9798
CMYK	0.00, 0.52, 0.98, 0.02
HSL	28°, 96%, 50%
HSV	28°, 98%, 98%
XYZ	46.1841, 33.7662, 4.2309
YIQ	145.7600, 114.3950, -8.2050

Conversions

Conversions Part 2

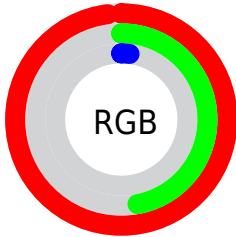
Format	Color
RYB	250, 222, 5
Decimal	16414725
CIELab	64.78, 44.91, 71.53
CIELCh	65, 84.459, 57.876
Yxy	33.7662, 0.5486, 0.4011
Android (android.graphics.Color)	4294604805 (0xFFFA7805)
YUV	145.7600, -69.3947, 91.4185
Hunter-Lab	58.1087, 40.1795, 36.3591

Details

The YIQ color **145.7600, 114.3950, -8.2050** 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 **109.2400, -114.3950, 8.2050**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.7050, 80.6970, -14.2390**, and **95.5300, 92.1560, 3.8680** is the 20% darker color. If you saturate the color by 10%, you get **143.4290, 116.8250, -8.1910**, and if you desaturate by 10%, it is **156.2410, 102.7950, -7.2290**.

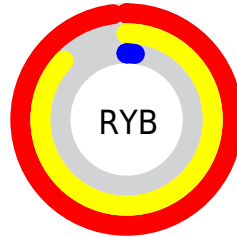
Distribution



Red (98%)

Green (47%)

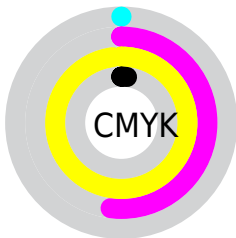
Blue (2%)



Red (98%)

Yellow (87%)

Blue (2%)

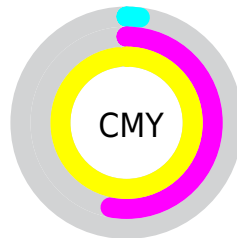


Cyan (0%)

Magenta (52%)

Yellow (98%)

Black (2%)



Cyan (2%)

Magenta (53%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 145.7600, 114.3950, -8.2050 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 YIQ color 145.7600, 114.3950, -8.2050 by changing the saturation by 10% instead.

145.7600,
114.3950, -8.2050

145.7600,
114.3950, -8.2050

255.0000, -0.0000,
-0.0000

120.3600,
104.0780, -2.9460

186.7050, 80.6970,
-14.2390

95.5300, 92.1560,
3.8680

206.2190, 64.3300,
-20.4860

70.1130, 80.5090,
11.2050

226.3200, 47.6880,
-27.2560

41.4730, 71.1080,
21.8920

243.6000, 32.1000,
-31.1000

27.8070, 55.4280,
19.7160

246.7920, 23.1120,
-22.3920

19.1360, 38.1440,
13.5680

250.0980, 13.8030,


10.8780, 21.1350,


-13.3730


7.9430


 253.4040, 4.4940,
-4.3540


 0.0000, 0.0000,
0.0000

 145.7600,
114.3950, -8.2050


 145.7600,
114.3950, -8.2050

 143.4290,
116.8250, -8.1910

 156.2410,
102.7950, -7.2290

 167.3090, 90.9200,
-6.7760

 177.7900, 79.3200,
-5.8000

 188.2710, 67.7200,
-4.8240

 198.7520, 56.1200,
-3.8480

■ 209.8200, 44.2450,
-3.3950

■ 220.3010, 32.6450,
-2.4190

■ 230.7820, 21.0450,
-1.4430

■ 241.8500, 9.1700,
-0.9900

Harmonies

Analogous

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



134.2800, 100.1730, 40.3090



145.7600, 114.3950, -8.2050



147.2300, 73.8240, -38.3680

Triad

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



145.7600, 114.3950, -8.2050



128.5160, -100.0790, -53.0310



151.6260, -38.4280, 35.6520

Complementary

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



145.7600, 114.3950, -8.2050



109.2400, -114.3950, 8.2050

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.



127.6860, -128.0550, -8.5590



145.7600, 114.3950, -8.2050



137.2940, -124.7960, -29.0840

Square

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



145.7600, 114.3950, -8.2050



115.9880, -73.0700, -74.4620



137.0780, -132.4550, -16.9270



157.4180, 39.6920, 73.6440

Rectangle

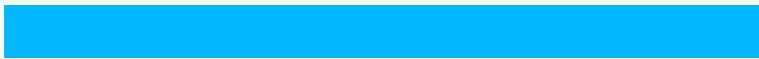
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.7600, 114.3950, -8.2050



141.9820, 41.6870, -56.1770



137.0780, -132.4550, -16.9270



136.8430, -85.2360, 13.9000

Sweetspot

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



145.7600, 114.3950, -8.2050



223.6710, 34.4790, -2.6170



93.1890, 103.9690, 92.6810



108.7820, 21.0450, -1.4430



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.



145.7600, 114.3950, -8.2050



146.6850, 118.9800, -8.7000



217.3740, 80.8450, -72.0110



119.4090, 6.0980, -0.3820



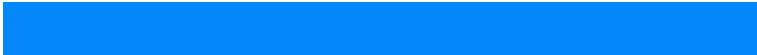
108.1670, 88.4440, -5.9560



35.2620, 28.3810, -2.2350

Inverse Universe

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



109.2400, -114.3950, 8.2050



108.3150, -118.9800, 8.7000



37.6260, -80.8450, 72.0110



117.5910, -6.0980, 0.3820



80.2460, -88.1690, 6.4790



26.3250, -28.6560, 1.7120

Previews

White Background



This preview shows how the YIQ color 145.7600, 114.3950, -8.2050 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 YIQ color 145.7600, 114.3950, -8.2050 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](#).

YIQ 145.7600, 114.3950, -8.2050

Background



This preview shows how black text looks on a background with the YIQ color 145.7600, 114.3950, -8.2050.



This preview shows how white text looks on a background with the YIQ color 145.7600, 114.3950, -8.2050.

-8.2050.

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

145.7600, 114.3950, -8.2050

Protanopia

148.5900, 55.2550, -37.7450

Deuteranopia

147.5510, 77.3540, -36.2620



Tritanopia

154.9570, 81.7890, 32.0690

Trichromacy



Original Color

145.7600, 114.3950, -8.2050

Protanomaly

147.4620, 76.5270, -26.7770

Deuteranomaly

147.0030, 91.0610, -25.8590

Tritanomaly

151.7450, 93.5290, 17.5370

Monochromacy



Original Color

145.7600, 114.3950, -8.2050

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

146.2650, 41.4940, -3.0980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.7600, 114.3950, -8.2050 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(250, 120, 5)` looks like.

```
.text, #text, p{  
    color:rgb(250, 120, 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(250, 120, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 120, 5) }
```

Border

The CSS property to change the border of an element to YIQ 145.7600, 114.3950, -8.2050 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(250, 120, 5) }
```


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

```
.border{ border-color:rgb(250, 120, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 120, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 120, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 120, 5);  
box-shadow:4px 4px 4px 4px rgb(250, 120,  
5) }
```

Background

The CSS property to change the background color of an element to YIQ 145.7600, 114.3950, -8.2050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 120, 5) }
```

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

```
.background{ background-color: rgb(250,  
120, 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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