

Converting Colors

YIQ(146.6880, 88.5350, -2.0970)

Have a look what the booklet for
YIQ(146.6880, 88.5350, -2.0970)
contains.

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Color

**YIQ(146.6880, 88.5350,
-2.0970)**

Conversions

Conversions Part 1

Format	Color
Hex	E67C2D
RGB	230, 124, 45
RGB Percent	90%, 49%, 18%
CMY	0.0978, 0.5139, 0.8231
CMYK	0.00, 0.46, 0.80, 0.10
HSL	26°, 79%, 54%
HSV	26°, 80%, 90%
XYZ	40.3275, 31.4259, 6.4336
YIQ	146.6880, 88.5350, -2.0970

Conversions

Conversions Part 2

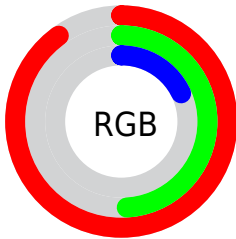
Format	Color
R _Y B	230, 183, 45
Decimal	15105069
CIE Lab	62.87, 35.78, 58.08
CIE LCh	63, 68.212, 58.366
Yxy	31.4259, 0.5158, 0.4019
Android (android.graphics.Color)	4293295149 (0xFFE67C2D)
YUV	146.6880, -50.1322, 73.0646
Hunter-Lab	56.0588, 30.3060, 32.4368

Details

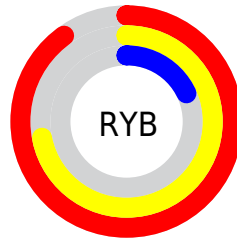
The YIQ color **146.6880, 88.5350, -2.0970** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **128.3120, -88.5350, 2.0970**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.7890, 71.8930, -8.8670**, and **93.0830, 80.0530, -2.5630** is the 20% darker color. If you saturate the color by 10%, you get **136.4350, 99.4930, -2.4510**, and if you desaturate by 10%, it is **156.9410, 77.5770, -1.7430**.

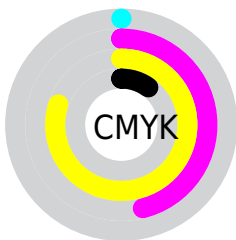
Distribution



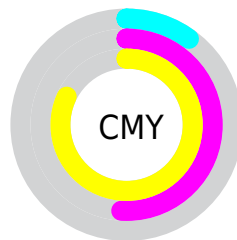
- Red (90%)
- Green (49%)
- Blue (18%)



- Red (90%)
- Yellow (72%)
- Blue (18%)



- Cyan (0%)
- Magenta (46%)
- Yellow (80%)
- Black (10%)





- Cyan (10%)
- Magenta (51%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 146.6880, 88.5350, -2.0970 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 146.6880, 88.5350, -2.0970 by changing the saturation by 10% instead.


 146.6880, 88.5350,
-2.0970


 146.6880, 88.5350,
-2.0970


255.0000, -0.0000,
-0.0000


 118.8510, 86.5180,
-4.0900


 191.7890, 71.8930,
-8.8670


 93.0830, 80.0530,
-2.5630


 211.1890, 55.8470,
-15.4250


 69.4380, 69.0480,
4.1520


 230.7030, 39.4800,
-21.6720

 45.7930, 58.0430,
10.8670

 246.2220, 24.7170,
-23.9470

 23.6210, 47.0840,
16.7480

 249.4140, 15.7290,
-15.2390

 15.5480, 30.9920,
11.0240

 252.7200, 6.4200,

 3.8870, 7.7480,

-6.2200

2.7560

■ 0.0000, 0.0000,
0.0000

■ 146.6880, 88.5350,
-2.0970

■ 146.6880, 88.5350,
-2.0970

■ 136.4350, 99.4930,
-2.4510

■ 156.9410, 77.5770,
-1.7430

■ 126.2960,
110.1300, -2.4940

■ 167.1940, 66.6190,
-1.3890

■ 178.0340, 55.3860,
-1.5580

■ 188.2870, 44.4280,
-1.2040

■ 198.5400, 33.4700,
-0.8500

■ 208.7930, 22.5120,
-0.4960

■ 219.0460, 11.5540,
-0.1420

■ 229.8860, 0.3210,
-0.3110

■ 240.1390,
-10.6370, 0.0430

Harmonies

Analogous

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



145.5300, 93.2970, 32.7610



146.6880, 88.5350, -2.0970



141.8920, 68.9640, -38.3960

Triad

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



146.6880, 88.5350, -2.0970



122.4180, -96.6870, -48.4230



152.5450, -33.7060, 38.1820

Complementary

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



146.6880, 88.5350, -2.0970



128.3120, -88.5350, 2.0970

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.



122.9900, -125.8550, -4.3750



146.6880, 88.5350, -2.0970



129.3720, -116.2680, -29.4520

Square

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



146.6880, 88.5350, -2.0970



112.7140, -74.8140, -64.8780



131.2080, -129.7050, -11.6970



154.8000, 32.0840, 57.3320

Rectangle

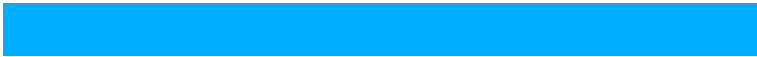
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



146.6880, 88.5350, -2.0970



138.1440, 41.4110, -51.1730



131.2080, -129.7050, -11.6970



145.2700, -61.2130, 24.5710

Sweetspot

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



146.6880, 88.5350, -2.0970



227.5010, 29.2060, -0.6660



112.6270, 75.5920, 72.8080



110.8680, 17.9270, -0.0010



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.



146.6880, 88.5350, -2.0970



144.8900, 117.1450, -2.9750



200.1050, 63.5100, -49.6900



109.5230, 5.7770, -0.0710



98.1330, 85.7840, -1.8000



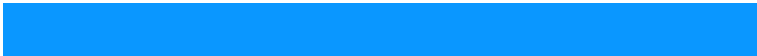
28.1630, 24.3460, -0.6940

Inverse Universe

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



128.3120, -88.5350, 2.0970



120.6970, -117.4200, 2.4520



75.4820, -63.7850, 49.1670



108.4770, -5.7770, 0.0710



80.2800, -85.5090, 2.3230



22.8370, -24.3460, 0.6940

Previews

White Background



This preview shows how the YIQ color 146.6880, 88.5350, -2.0970 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 146.6880, 88.5350, -2.0970 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 146.6880, 88.5350, -2.0970

Background



This preview shows how black text looks on a background with the YIQ color 146.6880, 88.5350, -2.0970.



This preview shows how white text looks on a background with the YIQ color 146.6880, 88.5350,

-2.0970.

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

146.6880, 88.5350, -2.0970

Protanopia

146.9820, 42.8280, -27.2840

Deuteranopia

146.7410, 62.6800, -23.6240



Tritanopia

152.1940, 67.7600, 27.5040

Trichromacy



Original Color

146.6880, 88.5350, -2.0970

Protanomaly

146.4620, 59.3320, -18.0120

Deuteranomaly

146.5730, 72.2610, -15.5390

Tritanomaly

150.3500, 75.6480, 16.7040

Monochromacy



Original Color

146.6880, 88.5350, -2.0970

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

147.0560, 31.9570, -0.9630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6880, 88.5350, -2.0970 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(230, 124, 45)` looks like.

```
.text, #text, p{  
    color:rgb(230, 124, 45)  
}
```

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(230, 124, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 124, 45) }
```

Border

The CSS property to change the border of an element to YIQ 146.6880, 88.5350, -2.0970 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(230, 124, 45) }
```


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

```
.border{ border-color:rgb(230, 124, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 124, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 124, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 124, 45);  
box-shadow:4px 4px 4px 4px rgb(230, 124,  
45) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6880, 88.5350, -2.0970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 124, 45) }
```

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

```
.background{ background-color: rgb(230,  
124, 45) }
```

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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