

Converting Colors

YIQ(146.5970, 90.0490, -7.5110)

Have a look what the booklet for
YIQ(146.5970, 90.0490, -7.5110)
contains.

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Color

**YIQ(146.5970, 90.0490,
-7.5110)**

Conversions

Conversions Part 1

Format	Color
Hex	E47F22
RGB	228, 127, 34
RGB Percent	89%, 50%, 13%
CMY	0.1057, 0.5021, 0.8662
CMYK	0.00, 0.44, 0.85, 0.11
HSL	29°, 78%, 51%
HSV	29°, 85%, 89%
XYZ	39.8838, 31.7854, 5.5548
YIQ	146.5970, 90.0490, -7.5110

Conversions

Conversions Part 2

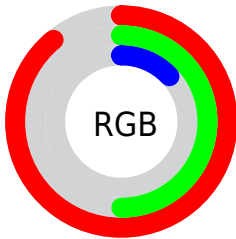
Format	Color
RYB	228, 213, 34
Decimal	14974754
CIELab	63.17, 33.10, 62.32
CIElCh	63, 70.562, 62.023
Yxy	31.7854, 0.5165, 0.4116
Android (android.graphics.Color)	4293164834 (0xFFE47F22)
YUV	146.5970, -55.5103, 71.3904
Hunter-Lab	56.3786, 27.6136, 33.6234

Details

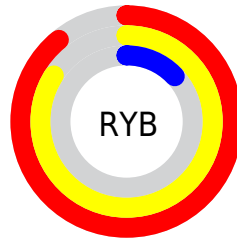
The YIQ color **146.5970, 90.0490, -7.5110** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **115.4030, -90.0490, 7.5110**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5240, 73.9570, -13.2350**, and **94.2460, 78.0360, -4.5560** is the 20% darker color. If you saturate the color by 10%, you get **136.9310, 100.7320, -8.3880**, and if you desaturate by 10%, it is **156.2630, 79.3660, -6.6340**.

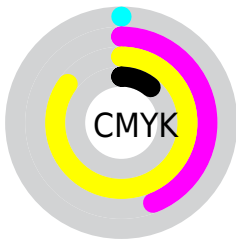
Distribution



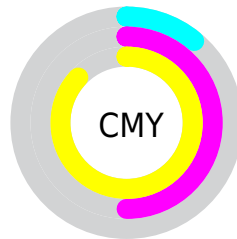
- Red (89%)
- Green (50%)
- Blue (13%)



- Red (89%)
- Yellow (84%)
- Blue (13%)



- Cyan (0%)
- Magenta (44%)
- Yellow (85%)
- Black (11%)





- Cyan (11%)
- Magenta (50%)
- Yellow (87%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 146.5970, 90.0490, -7.5110 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 146.5970, 90.0490, -7.5110 by changing the saturation by 10% instead.


 146.5970, 90.0490,
-7.5110


 146.5970, 90.0490,
-7.5110


 255.0000, -0.0000,
-0.0000


 118.1900, 89.6370,
-11.0590


 192.5240, 73.9570,
-13.2350


 94.2460, 78.0360,
-4.5560


 211.4510, 57.8650,
-18.9590


 71.1880, 66.7560,
1.6360


 231.5520, 41.2230,
-25.7290

 48.1300, 55.4760,
7.8280

 245.1960, 27.6060,
-26.7460

 23.6100, 45.6170,
15.8010

 248.3880, 18.6180,
-18.0380

 15.2490, 30.3960,
10.8120

 251.6940, 9.3090,

 2.6910, 5.3640,

-9.0190

1.9080

■ 0.0000, 0.0000,
0.0000

■ 146.5970, 90.0490,
-7.5110

■ 146.5970, 90.0490,
-7.5110

■ 136.9310,
100.7320, -8.3880

■ 156.2630, 79.3660,
-6.6340

■ 132.1550,
105.9130, -8.6710

■ 165.9290, 68.6830,
-5.7570

■ 175.5950, 58.0000,
-4.8800

■ 185.1470, 47.6380,
-4.3140

■ 194.2260, 37.2300,
-2.9140

■ 203.8920, 26.5470,
-2.0370

■ 213.5580, 15.8640,
-1.1600

■ 223.2240, 5.1810,
-0.2830

■ 232.7760, -5.1810,
0.2830

Harmonies

Analogous

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



145.2050, 95.5900, 29.7500



146.5970, 90.0490, -7.5110



142.1580, 65.1590, -41.0250

Triad

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



146.5970, 90.0490, -7.5110



124.5040, -99.8050, -46.9810



154.6710, -25.1330, 42.5070

Complementary

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



146.5970, 90.0490, -7.5110



115.4030, -90.0490, 7.5110

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.



122.4030, -125.5800, -3.8520



146.5970, 90.0490, -7.5110



131.0990, -119.7530, -26.8650

Square

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



146.5970, 90.0490, -7.5110



114.7460, -77.8400, -65.1040



131.2080, -129.7050, -11.6970



154.3990, 40.7030, 60.8230

Rectangle

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



146.5970, 90.0490, -7.5110



136.9430, 37.4230, -55.9930



131.2080, -129.7050, -11.6970



147.9940, -51.4480, 29.3200

Sweetspot

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



146.5970, 90.0490, -7.5110



226.9310, 30.8110, -2.2210



103.8620, 82.2400, 73.4720



111.1130, 18.6150, -1.4570



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.



146.5970, 90.0490, -7.5110



147.8590, 118.4300, -9.7460



202.3620, 63.9240, -57.1960



110.1100, 5.5020, -0.5940



103.4160, 83.3090, -6.5070



29.3370, 23.7960, -1.7400

Inverse Universe

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



115.4030, -90.0490, 7.5110



107.1410, -118.4300, 9.7460



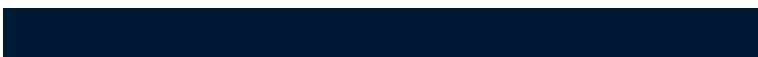
60.2250, -64.1990, 56.6730



107.8900, -5.5020, 0.5940



74.9970, -83.0340, 7.0300



21.6630, -23.7960, 1.7400

Previews

White Background



This preview shows how the YIQ color 146.5970, 90.0490, -7.5110 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 146.5970, 90.0490, -7.5110 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 146.5970, 90.0490, -7.5110

Background



This preview shows how black text looks on a background with the YIQ color 146.5970, 90.0490, -7.5110.



This preview shows how white text looks on a background with the YIQ color 146.5970, 90.0490, -7.5110.

-7.5110.

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

146.5970, 90.0490, -7.5110

Protanopia

146.5000, 47.0010, -31.3270

Deuteranopia

145.7430, 68.3660, -27.5540



Tritanopia

153.1120, 65.0550, 26.9670

Trichromacy



Original Color

146.5970, 90.0490, -7.5110

Protanomaly

146.2680, 62.6340, -22.7900

Deuteranomaly

145.6780, 76.1590, -20.1050

Tritanomaly

150.6980, 74.5480, 14.6120

Monochromacy



Original Color

146.5970, 90.0490, -7.5110

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.8880, 32.3700, -2.9420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.5970, 90.0490, -7.5110 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(228, 127, 34)` looks like.

```
.text, #text, p{  
    color:rgb(228, 127, 34)  
}
```

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(228, 127, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 127, 34) }
```

Border

The CSS property to change the border of an element to YIQ 146.5970, 90.0490, -7.5110 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(228, 127, 34) }
```


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

```
.border{ border-color:rgb(228, 127, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 127, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 127, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 127, 34);  
box-shadow:4px 4px 4px 4px rgb(228, 127,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 146.5970, 90.0490, -7.5110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 127, 34) }
```

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

```
.background{ background-color: rgb(228,  
127, 34) }
```

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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