

Converting Colors

YIQ(127.4810, 111.0470,
-2.5930)

Have a look what the booklet for
YIQ(127.4810, 111.0470, -2.5930)
contains.

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Color

**YIQ(127.4810, 111.0470,
-2.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	E86300
RGB	232, 99, 0
RGB Percent	91%, 39%, 0%
CMY	0.0899, 0.6120, 0.9995
CMYK	0.00, 0.57, 1.00, 0.09
HSL	26°, 100%, 46%
HSV	26°, 100%, 91%
XYZ	37.7571, 26.0800, 3.0477
YIQ	127.4810, 111.0470, -2.5930

Conversions

Conversions Part 2

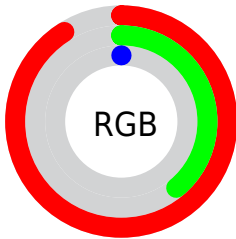
Format	Color
R_{YB}	232, 173, 0
Decimal	15229696
CIE _{Lab}	58.11, 48.10, 67.06
CIE _{LCh}	58, 82.525, 54.346
Yxy	26.0800, 0.5645, 0.3899
Android (android.graphics.Color)	4293419776 (0xFFE86300)
YUV	127.4810, -62.8481, 91.6632
Hunter-Lab	51.0686, 42.6022, 32.2097

Details

The YIQ color **127.4810, 111.0470, -2.5930** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **104.5190, -111.0470, 2.5930**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **173.5800, 88.7190, -5.4330**, and **76.6470, 87.7530, 12.0810** is the 20% darker color. If you saturate the color by 10%, you get **127.4810, 111.0470, -2.5930**, and if you desaturate by 10%, it is **137.7340, 100.0890, -2.2390**.

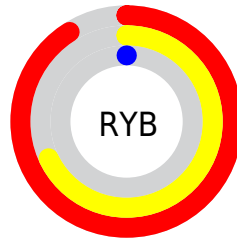
Distribution



Red (91%)

Green (39%)

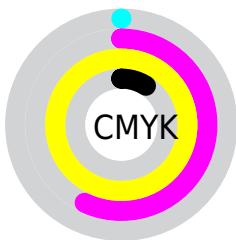
Blue (0%)



Red (91%)

Yellow (68%)

Blue (0%)

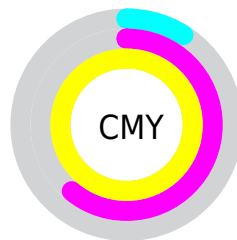


Cyan (0%)

Magenta (57%)

Yellow (100%)

Black (9%)



Cyan (9%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.4810, 111.0470, -2.5930 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 127.4810, 111.0470, -2.5930 by changing the saturation by 10% instead.

127.4810,
111.0470, -2.5930

127.4810,
111.0470, -2.5930

255.0000, -0.0000,
-0.0000

102.0640, 99.4000,
4.7440

173.5800, 88.7190,
-5.4330

76.6470, 87.7530,
12.0810

193.0940, 72.3520,
-11.6800

48.0070, 78.3520,
22.7680

212.6080, 55.9850,
-17.9270

31.6940, 63.1760,
22.4720

232.7090, 39.3430,
-24.6970

22.7240, 45.2960,
16.1120

245.7660, 26.0010,
-25.1910

15.1780, 29.1580,
11.2220

249.0720, 16.6920,

0.0000, 0.0000,

-16.1720

0.0000

■ 252.2640, 7.7040,
-7.4640

■ 127.4810,
111.0470, -2.5930

■ 137.7340,
100.0890, -2.2390

■ 148.6880, 88.5350,
-2.0970

■ 158.9410, 77.5770,
-1.7430

■ 169.1940, 66.6190,
-1.3890

■ 180.0340, 55.3860,
-1.5580

■ 190.2870, 44.4280,
-1.2040

■ 200.6540, 33.1490,
-0.5390

■ 211.4940, 21.9160,
-0.7080

■ 221.7470, 10.9580,
-0.3540

Harmonies

Analogous

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



119.3940, 109.0200, 50.6840



127.4810, 111.0470, -2.5930



131.3040, 70.9800, -30.8760

Triad

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



127.4810, 111.0470, -2.5930



113.8120, -86.2330, -50.6570



132.6220, -58.9680, 33.4480

Complementary

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



127.4810, 111.0470, -2.5930



104.5190, -111.0470, 2.5930

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.



118.8810, -123.9300, -0.7140



127.4810, 111.0470, -2.5930



122.9490, -110.5830, -27.8550

Square

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



127.4810, 111.0470, -2.5930



101.3980, -59.5450, -71.7770



126.5120, -127.5050, -7.5130



139.8080, 29.6060, 69.2060

Rectangle

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



127.4810, 111.0470, -2.5930



127.2520, 41.2270, -47.8370



126.5120, -127.5050, -7.5130



109.4890, -119.5300, 7.6540

Sweetspot

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



127.4810, 111.0470, -2.5930



220.5080, 36.4960, -0.6240



84.7580, 94.9370, 91.1690



106.9070, 22.1910, -0.1850



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.



127.4810, 111.0470, -2.5930



140.2280, 122.0050, -2.9470



194.3990, 79.6970, -62.2150



112.2240, 5.1810, -0.2830



99.3180, 86.7010, -1.8990



29.6470, 25.8590, -0.5810

Inverse Universe

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



104.5190, -111.0470, 2.5930



114.7720, -122.0050, 2.9470



37.6010, -79.6970, 62.2150



110.7760, -5.1810, 0.2830



81.6820, -86.7010, 1.8990



24.3530, -25.8590, 0.5810

Previews

White Background



This preview shows how the YIQ color 127.4810, 111.0470, -2.5930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 127.4810, 111.0470, -2.5930 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 127.4810, 111.0470, -2.5930

Background



This preview shows how black text looks on a background with the YIQ color 127.4810, 111.0470, -2.5930.



This preview shows how white text looks on a background with the YIQ color 127.4810, 111.0470, -2.5930.

-2.5930.

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

127.4810, 111.0470, -2.5930

Protanopia

132.5170, 48.3310, -33.4050

Deuteranopia

130.9940, 68.9170, -32.0350



Tritanopia

135.4410, 83.3020, 32.1820

Trichromacy



Original Color

127.4810, 111.0470, -2.5930

Protanomaly

130.8730, 71.1160, -22.3240

Deuteranomaly

129.9300, 84.1370, -21.5190

Tritanomaly

132.7990, 93.4370, 19.2050

Monochromacy



Original Color

127.4810, 111.0470, -2.5930

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.2480, 40.1640, -1.0200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.4810, 111.0470, -2.5930 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(232, 99, 0)` looks like.

```
.text, #text, p{  
    color:rgb(232, 99, 0)  
}
```

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(232, 99, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 99, 0) }
```

Border

The CSS property to change the border of an element to YIQ 127.4810, 111.0470, -2.5930 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(232, 99, 0) }
```


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

```
.border{ border-color:rgb(232, 99, 0) }
```

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

Here you see how a box with a 4 pixel rgb(232, 99, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 99, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 99, 0);  
box-shadow:4px 4px 4px 4px rgb(232, 99, 0)  
}
```

Background

The CSS property to change the background color of an element to YIQ 127.4810, 111.0470, -2.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 99, 0) }
```

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

```
.background{ background-color: rgb(232, 99,  
0) }
```

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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