

Converting Colors

YIQ(111.3020, 30.9040, -9.4160)

Have a look what the booklet for
YIQ(111.3020, 30.9040, -9.4160)
contains.

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Color

**YIQ(111.3020, 30.9040,
-9.4160)**

Conversions

Conversions Part 1

Format	Color
Hex	876D3D
RGB	135, 109, 61
RGB Percent	53%, 43%, 24%
CMY	0.4706, 0.5726, 0.7606
CMYK	0.00, 0.19, 0.55, 0.47
HSL	39°, 38%, 38%
HSV	39°, 55%, 53%
XYZ	16.3038, 16.4239, 6.7315
YIQ	111.3020, 30.9040, -9.4160

Conversions

Conversions Part 2

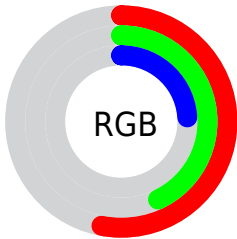
Format	Color
R_{YB}	101, 135, 61
Decimal	8875325
CIE _{Lab}	47.53, 4.00, 30.44
CIE _{LCh}	48, 30.706, 82.522
Yxy	16.4239, 0.4132, 0.4162
Android (android.graphics.Color)	4287065405 (0xFF876D3D)
YUV	111.3020, -24.7989, 20.7831
Hunter-Lab	40.5264, 0.8899, 18.5203

Details

The YIQ color **111.3020, 30.9040, -9.4160** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **84.6980, -30.9040, 9.4160**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.2700, 33.9300, -9.1900**, and **62.9210, 27.6030, -10.1650** is the 20% darker color. If you saturate the color by 10%, you get **106.8850, 36.4520, -10.8440**, and if you desaturate by 10%, it is **115.8330, 25.0350, -7.6770**.

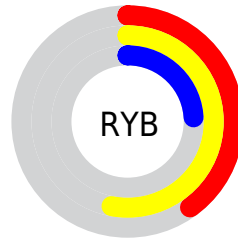
Distribution



Red (53%)

Green (43%)

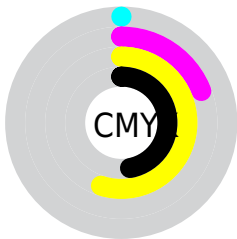
Blue (24%)



Red (40%)

Yellow (53%)

Blue (24%)

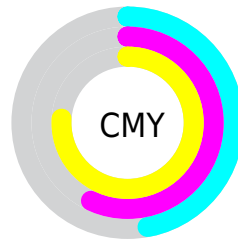


Cyan (0%)

Magenta (19%)

Yellow (55%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.3020, 30.9040, -9.4160 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 111.3020, 30.9040, -9.4160 by changing the saturation by 10% instead.

■ 111.3020, 30.9040,
-9.4160

■ 111.3020, 30.9040,
-9.4160

■ 255.0000, -0.0000,
-0.0000

■ 86.8180, 29.3910,
-9.5290

■ 163.2700, 33.9300,
-9.1900

■ 62.9210, 27.6030,
-10.1650

■ 190.6400, 35.7640,
-9.3880

■ 41.1210, 24.1640,
-8.4120

■ 218.8250, 36.6810,
-9.4870

■ 21.9060, 14.7640,
-3.2520

■ 240.4320, 24.4860,
-14.2500

■ 0.0000, 0.0000,
0.0000

■ 250.6680, 12.1980,
-11.8180

■ 253.9740, 2.8890,

-2.7990

■ 111.3020, 30.9040,
-9.4160

■ 111.3020, 30.9040,
-9.4160

■ 106.8850, 36.4520,
-10.8440

■ 115.8330, 25.0350,
-7.6770

■ 102.3540, 42.3210,
-12.5830

■ 119.6630, 19.7620,
-5.7260

■ 98.5240, 47.5940,
-14.5340

■ 124.1940, 13.8930,
-3.9870

■ 93.9930, 53.4630,
-16.2730

■ 128.6110, 8.3450,
-2.5590

■ 92.0210, 56.2600,
-17.4040

■ 133.1420, 2.4760,
-0.8200

■ 136.9720, -2.7970,
1.1310

■ 141.5030, -8.6660,
2.8700

■ 145.9200,
-14.2140, 4.2980

■ 150.4510,
-20.0830, 6.0370

Harmonies

Analogous

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



113.0680, 40.8510, 3.0510



111.3020, 30.9040, -9.4160



108.8650, 12.8410, -17.9670

Triad

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



111.3020, 30.9040, -9.4160



89.0100, -77.0220, -24.8460



116.0900, 9.3950, 22.4750

Complementary

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



111.3020, 30.9040, -9.4160



84.6980, -30.9040, 9.4160

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.



113.3300, -17.8840, 15.7480



111.3020, 30.9040, -9.4160



89.6430, -82.9380, -16.7460

Square

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



111.3020, 30.9040, -9.4160



98.4900, -43.3230, -24.3390



105.3150, -49.0590, 2.5330



115.5130, 30.0730, 22.1770

Rectangle

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



111.3020, 30.9040, -9.4160



106.3730, -3.3890, -21.1890



105.3150, -49.0590, 2.5330



115.6590, 0.3630, 20.9630

Sweetspot

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



111.3020, 30.9040, -9.4160



166.9380, 11.7380, -3.4780



86.2040, 35.4370, 24.0850



83.5400, 7.1070, -2.1490



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



111.3020, 30.9040, -9.4160



138.7090, 48.5110, -14.6330



123.5740, 17.7940, -25.1340



64.1420, 2.4760, -0.8200



88.1780, 54.3800, -16.3720



2.0710, 1.2380, -0.4100

Inverse Universe

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



84.6980, -30.9040, 9.4160



97.2910, -48.5110, 14.6330



72.4260, -17.7940, 25.1340



61.8580, -2.4760, 0.8200



41.8220, -54.3800, 16.3720



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 111.3020, 30.9040, -9.4160 looks on a white 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

Black Background



This preview shows how the YIQ color 111.3020, 30.9040, -9.4160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

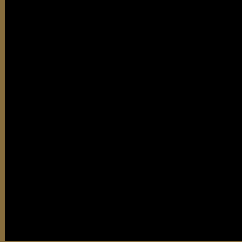
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.3020, 30.9040, -9.4160

Background



This preview shows how black text looks on a background with the YIQ color 111.3020, 30.9040, -9.4160.



This preview shows how white text looks on a background with the YIQ color 111.3020, 30.9040,

-9.4160.

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

111.3020, 30.9040, -9.4160

Protanopia

110.4750, 22.9270, -13.5290

Deuteranopia

111.6120, 32.9670, -8.2570



Tritanopia

114.6760, 18.8880, 10.1200

Trichromacy



Original Color

111.3020, 30.9040, -9.4160

Protanomaly

111.0840, 25.5860, -12.1580

Deuteranomaly

111.3130, 32.3710, -8.4690

Tritanomaly

113.4990, 23.5200, 3.2640

Monochromacy



Original Color

111.3020, 30.9040, -9.4160

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0520, 11.4170, -3.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.3020, 30.9040, -9.4160 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(135, 109, 61)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 61)  
}
```

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(135, 109, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 61) }
```

Border

The CSS property to change the border of an element to YIQ 111.3020, 30.9040, -9.4160 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(135, 109, 61) }
```


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

```
.border{ border-color:rgb(135, 109, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 109, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 61);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
61) }
```

Background

The CSS property to change the background color of an element to YIQ 111.3020, 30.9040, -9.4160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 109, 61) }
```

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

```
.background{ background-color: rgb(135,  
109, 61) }
```

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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