

Converting Colors

YIQ(110.6180, 32.8300,
-11.2820)

Have a look what the booklet for
YIQ(110.6180, 32.8300, -11.2820)
contains.

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Color

**YIQ(110.6180, 32.8300,
-11.2820)**

Conversions

Conversions Part 1

Format	Color
Hex	876D37
RGB	135, 109, 55
RGB Percent	53%, 43%, 22%
CMY	0.4706, 0.5726, 0.7841
CMYK	0.00, 0.19, 0.59, 0.47
HSL	40°, 42%, 37%
HSV	40°, 59%, 53%
XYZ	16.1509, 16.3627, 5.9270
YIQ	110.6180, 32.8300, -11.2820

Conversions

Conversions Part 2

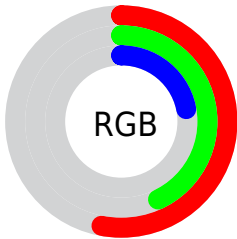
Format	Color
R _Y B	94, 135, 55
Decimal	8875319
CIE Lab	47.45, 3.47, 33.59
CIE LCh	47, 33.772, 84.111
Yxy	16.3627, 0.4202, 0.4257
Android (android.graphics.Color)	4287065399 (0xFF876D37)
YUV	110.6180, -27.4197, 21.3830
Hunter-Lab	40.4508, 0.4814, 19.6281

Details

The YIQ color **110.6180, 32.8300, -11.2820** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **79.3820, -32.8300, 11.2820**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **162.5860, 35.8560, -11.0560**, and **61.8240, 29.2540, -12.5540** is the 20% darker color. If you saturate the color by 10%, you get **106.7880, 38.1030, -13.2330**, and if you desaturate by 10%, it is **114.5620, 27.2360, -9.0200**.

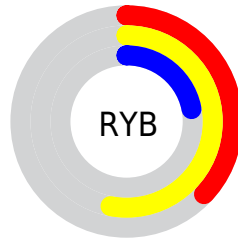
Distribution



Red (53%)

Green (43%)

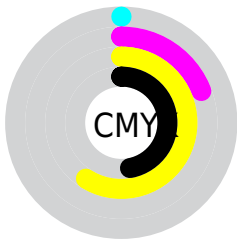
Blue (22%)



Red (37%)

Yellow (53%)

Blue (22%)

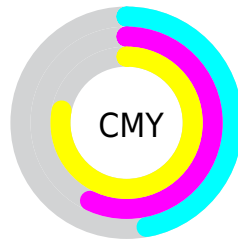


Cyan (0%)

Magenta (19%)

Yellow (59%)

Black (47%)



Cyan (47%)

Magenta (57%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6180, 32.8300, -11.2820 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 110.6180, 32.8300, -11.2820 by changing the saturation by 10% instead.

■ 110.6180, 32.8300,
-11.2820

■ 110.6180, 32.8300,
-11.2820

■ 255.0000, -0.0000,
-0.0000

■ 85.8350, 30.7210,
-11.6070

■ 162.5860, 35.8560,
-11.0560

■ 61.8240, 29.2540,
-12.5540

■ 189.9560, 37.6900,
-11.2540

■ 40.8220, 23.5680,
-8.6240

■ 218.1410, 38.6070,
-11.3530

■ 21.6070, 14.1680,
-3.4640

■ 239.7480, 26.4120,
-16.1160

■ 0.0000, 0.0000,
0.0000

■ 249.8700, 14.4450,
-13.9950

■ 253.1760, 5.1360,

-4.9760

■ 110.6180, 32.8300,
-11.2820

■ 110.6180, 32.8300,
-11.2820

■ 106.7880, 38.1030,
-13.2330

■ 114.5620, 27.2360,
-9.0200

■ 102.2570, 43.9720,
-14.9720

■ 118.9790, 21.6880,
-7.5920

■ 98.4270, 49.2450,
-16.9230

■ 122.9230, 16.0940,
-5.3300

■ 93.8960, 55.1140,
-18.6620

■ 127.3400, 10.5460,
-3.9020

■ 93.7820, 55.4350,
-18.9730

■ 131.2840, 4.9520,
-1.6400

■ 135.1140, -0.3210,
0.3110

■ 139.6450, -6.1900,
2.0500

■ 143.4750,
-11.4630, 4.0010

■ 148.0060,
-17.3320, 5.7400

Harmonies

Analogous

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



112.3950, 44.2440, 2.1320



110.6180, 32.8300, -11.2820



107.9850, 12.3830, -20.6810

Triad

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



110.6180, 32.8300, -11.2820



89.9390, -78.2600, -24.4360



116.3400, 11.6870, 24.9910

Complementary

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



110.6180, 32.8300, -11.2820



79.3820, -32.8300, 11.2820

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.



113.1990, -18.8930, 17.5150



110.6180, 32.8300, -11.2820



90.8000, -84.8180, -15.7140

Square

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



110.6180, 32.8300, -11.2820



93.2110, -55.8390, -28.7910



103.7920, -54.8360, 2.6040



115.1330, 34.1990, 24.4950

Rectangle

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



110.6180, 32.8300, -11.2820



105.0090, -5.3600, -24.0160



103.7920, -54.8360, 2.6040



115.7240, 1.7380, 23.5780

Sweetspot

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



110.6180, 32.8300, -11.2820



166.4820, 13.0220, -4.7220



81.9980, 39.0130, 25.3570



83.3120, 7.7490, -2.7710



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.



110.6180, 32.8300, -11.2820



137.6830, 51.4000, -17.4320



121.9930, 17.9320, -27.6360



64.1420, 2.4760, -0.8200



90.5260, 53.2800, -18.4640



2.0710, 1.2380, -0.4100

Inverse Universe

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



79.3820, -32.8300, 11.2820



89.3170, -51.4000, 17.4320



68.0070, -17.9320, 27.6360



61.8580, -2.4760, 0.8200



39.4740, -53.2800, 18.4640



0.9290, -1.2380, 0.4100

Previews

White Background



This preview shows how the YIQ color 110.6180, 32.8300, -11.2820 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 110.6180, 32.8300, -11.2820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

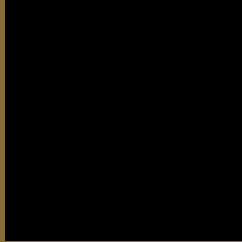
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.6180, 32.8300, -11.2820

Background



This preview shows how black text looks on a background with the YIQ color 110.6180, 32.8300, -11.2820.



This preview shows how white text looks on a background with the YIQ color 110.6180, 32.8300, -11.2820.

-11.2820.

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

110.6180, 32.8300, -11.2820

Protanopia

110.0900, 25.4490, -15.1830

Deuteranopia

110.6400, 35.7640, -9.3880



Tritanopia

114.9750, 19.4840, 10.3320

Trichromacy



Original Color

110.6180, 32.8300, -11.2820

Protanomaly

110.6990, 28.1080, -13.8120

Deuteranomaly

110.9280, 34.8930, -10.1230

Tritanomaly

113.2710, 24.1620, 2.6420

Monochromacy



Original Color

110.6180, 32.8300, -11.2820

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.8240, 12.0590, -3.7890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6180, 32.8300, -11.2820 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, 55)` looks like.

```
.text, #text, p{  
    color:rgb(135, 109, 55)  
}
```

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, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 109, 55) }
```

Border

The CSS property to change the border of an element to YIQ 110.6180, 32.8300, -11.2820 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, 55) }
```


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

```
.border{ border-color:rgb(135, 109, 55) }
```

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, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 109, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 109, 55);  
box-shadow:4px 4px 4px 4px rgb(135, 109,  
55) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6180, 32.8300, -11.2820 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, 55) }
```

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

```
.background{ background-color: rgb(135,  
109, 55) }
```

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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