

Converting Colors

YIQ(110.6050, -45.3850,
-31.0250)

Have a look what the booklet for
YIQ(110.6050, -45.3850, -31.0250)
contains.

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Color

**YIQ(110.6050, -45.3850,
-31.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	308F6C
RGB	48, 143, 108
RGB Percent	19%, 56%, 42%
CMY	0.8120, 0.4390, 0.5766
CMYK	0.66, 0.00, 0.25, 0.44
HSL	158°, 50%, 37%
HSV	158°, 66%, 56%
XYZ	13.7491, 21.3656, 17.5758
YIQ	110.6050, -45.3850, -31.0250

Conversions

Conversions Part 2

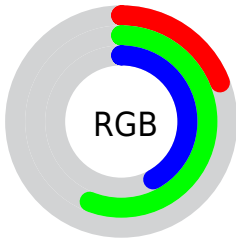
Format	Color
RYB	48, 106, 143
Decimal	3182444
CIELab	53.35, -36.44, 10.67
CIELCh	53, 37.969, 163.683
Yxy	21.3656, 0.2609, 0.4055
Android (android.graphics.Color)	4281372524 (0xFF308F6C)
YUV	110.6050, -1.2843, -54.9046
Hunter-Lab	46.2229, -27.7951, 9.8117

Details

The YIQ color **110.6050, -45.3850, -31.0250** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **80.3950, 45.3850, 31.0250**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.1600, -42.6340, -31.3220**, and **60.9580, -44.8810, -29.1450** is the 20% darker color. If you saturate the color by 10%, you get **105.8490, -52.1240, -35.5480**, and if you desaturate by 10%, it is **115.3610, -38.6460, -26.5020**.

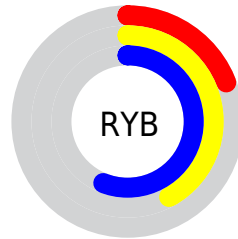
Distribution



Red (19%)

Green (56%)

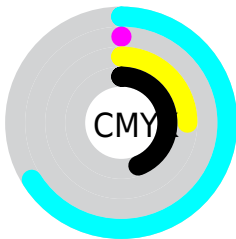
Blue (42%)



Red (19%)

Yellow (42%)

Blue (56%)

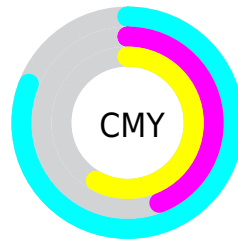


Cyan (66%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (81%)

Magenta (44%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 110.6050, -45.3850, -31.0250 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 110.6050, -45.3850, -31.0250 by changing the saturation by 10% instead.

■ 110.6050,
-45.3850, -31.0250

■ 110.6050,
-45.3850, -31.0250

■ 255.0000, -0.0000,
-0.0000

■ 80.3480, -54.9670,
-33.5830

■ 165.1600,
-42.6340, -31.3220

■ 60.8440, -44.5600,
-29.4560

■ 193.6330,
-42.5880, -32.1560

■ 43.7750, -30.9440,
-22.9120

■ 222.2200,
-42.8630, -32.6790

■ 28.4670, -18.1530,
-17.9370

■ 234.1970,
-34.8880, -17.5120

■ 11.7400, -5.5000,
-10.4600

■ 244.2360,
-21.4560, -7.6320

■ 0.0000, 0.0000,
0.0000

■ 252.9070, -4.1720,

-1.4840

■ 110.6050,
-45.3850, -31.0250

■ 110.6050,
-45.3850, -31.0250

■ 105.8490,
-52.1240, -35.5480

■ 115.3610,
-38.6460, -26.5020

■ 100.6800,
-59.1380, -40.5940

■ 120.5300,
-31.6320, -21.4560

■ 95.9240, -65.8770,
-45.1170

■ 125.2860,
-24.8930, -16.9330

■ 94.2010, -68.2150,
-46.7990

■ 130.0420,
-18.1540, -12.4100

■ 134.7980,
-11.4150, -7.8870

■ 139.9670, -4.4010,
-2.8410

■ 144.7230, 2.3380,
1.6820

■ 149.4790, 9.0770,
6.2050

■ 154.5340, 16.4120,
10.9400

Harmonies

Analogous

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



118.7160, -6.0930, -27.2530



110.6050, -45.3850, -31.0250



100.7160, -85.1820, -31.1500

Triad

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



110.6050, -45.3850, -31.0250



125.9350, -35.7650, 14.9150



127.6890, 52.4040, 8.4360

Complementary

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



110.6050, -45.3850, -31.0250



80.3950, 45.3850, 31.0250

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.



129.0930, 48.8710, 22.9110



110.6050, -45.3850, -31.0250



131.1310, 2.1500, 27.1260

Square

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



110.6050, -45.3850, -31.0250



105.3790, -90.6420, -9.2820



130.7400, 31.1720, 29.7960



125.5870, 43.2830, -7.9890

Rectangle

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



110.6050, -45.3850, -31.0250



102.5230, -91.6480, -24.0960



130.7400, 31.1720, 29.7960



128.1500, 52.7240, 13.6520

Sweetspot

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



110.6050, -45.3850, -31.0250



173.3410, -17.5580, -12.1980



114.5290, -4.6690, -42.0530



86.5100, -10.5440, -7.1520



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



110.6050, -45.3850, -31.0250



135.1790, -71.1490, -48.6930



108.1380, -53.5950, -14.3870



68.6790, -3.5300, -2.1060



88.9350, -64.4100, -44.1700



5.2660, -3.8050, -2.6290

Inverse Universe

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



80.3950, 45.3850, 31.0250



87.8210, 71.1490, 48.6930



82.8620, 53.5950, 14.3870



66.4350, 3.2090, 2.4170



46.0650, 64.4100, 44.1700



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 110.6050, -45.3850, -31.0250 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 110.6050, -45.3850, -31.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

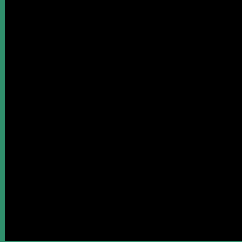
Any Text WCAG AA ✓ Pass

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 110.6050, -45.3850, -31.0250 Background



This preview shows how black text looks on a background with the YIQ color 110.6050, -45.3850, -31.0250.



This preview shows how white text looks on a background with the YIQ color 110.6050, -45.3850, -31.0250.

-31.0250.

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

110.6050, -45.3850, -31.0250

Protanopia

125.7270, 13.7100, -6.1780

Deuteranopia

127.5520, 16.0010, 1.8650



Tritanopia

117.1280, -47.6350, -12.2670

Trichromacy



Original Color

110.6050, -45.3850, -31.0250

Protanomaly

120.0230, -7.9750, -15.1670

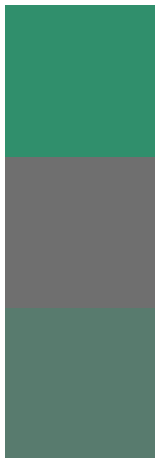
Deuteranomaly

121.5550, -6.4170, -10.3610

Tritanomaly

114.7980, -46.9460, -19.2500

Monochromacy



Original Color

110.6050, -45.3850, -31.0250

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0530, -16.6870, -11.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6050, -45.3850, -31.0250 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(48, 143, 108)` looks like.

```
.text, #text, p{  
    color:rgb(48, 143, 108)  
}
```

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(48, 143, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 143, 108) }
```

Border

The CSS property to change the border of an element to YIQ 110.6050, -45.3850, -31.0250 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(48, 143, 108) }
```


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

```
.border{ border-color:rgb(48, 143, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 143, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 143, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 143, 108);  
box-shadow:4px 4px 4px 4px rgb(48, 143,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6050, -45.3850, -31.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 143, 108) }
```

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

```
.background{ background-color: rgb(48, 143,  
108) }
```

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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