

Converting Colors

YIQ(110.4360, -45.5130,
-83.7930)

Have a look what the booklet for
YIQ(110.4360, -45.5130, -83.7930)
contains.

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Color

**YIQ(110.4360, -45.5130,
-83.7930)**

Conversions

Conversions Part 1

Format	Color
Hex	0FB112
RGB	15, 177, 18
RGB Percent	6%, 69%, 7%
CMY	0.9417, 0.3056, 0.9294
CMYK	0.92, 0.00, 0.90, 0.31
HSL	121°, 84%, 38%
HSV	121°, 92%, 69%
XYZ	16.0396, 31.6152, 5.8286
YIQ	110.4360, -45.5130, -83.7930

Conversions

Conversions Part 2

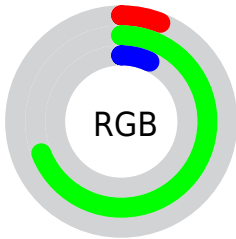
Format	Color
RYB	15, 174, 177
Decimal	1028370
CIELab	63.02, -64.31, 60.87
CIELCh	63, 88.553, 136.575
Yxy	31.6152, 0.2999, 0.5911
Android (android.graphics.Color)	4279218450 (0xFF0FB112)
YUV	110.4360, -45.5709, -83.6974
Hunter-Lab	56.2274, -47.4785, 33.2131

Details

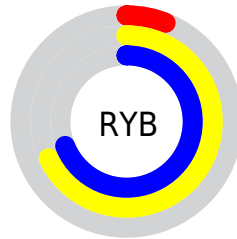
The YIQ color **110.4360, -45.5130, -83.7930** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **81.5640, 45.5130, 83.7930**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6060, -31.0720, -75.6800**, and **72.2010, -33.8250, -64.3290** is the 20% darker color. If you saturate the color by 10%, you get **104.2410, -49.6380, -91.6380**, and if you desaturate by 10%, it is **117.7560, -40.2420, -74.6900**.

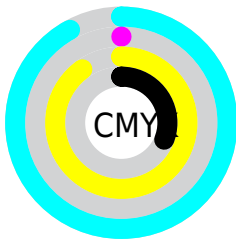
Distribution



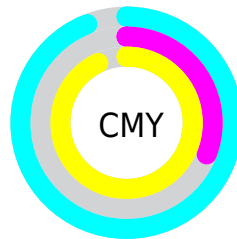
- Red (6%)
- Green (69%)
- Blue (7%)



- Red (6%)
- Yellow (68%)
- Blue (69%)



- Cyan (92%)
- Magenta (0%)
- Yellow (90%)
- Black (31%)





- Cyan (94%)
- Magenta (31%)
- Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.4360, -45.5130, -83.7930 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 110.4360, -45.5130, -83.7930 by changing the saturation by 10% instead.


 110.4360,
-45.5130, -83.7930


 110.4360,
-45.5130, -83.7930


255.0000, -0.0000,
-0.0000


 88.0500, -41.2500,
-78.4500


 176.6060,
-31.0720, -75.6800


 72.2010, -33.8250,
-64.3290


 201.2800,
-27.0380, -71.6940

 56.3520, -26.4000,
-50.2080


 213.7410,
-17.5500, -56.4140

 41.6770, -19.5250,
-37.1330

 225.9030, -8.6580,
-41.3460

 28.1760, -13.2000,
-25.1040

 238.3640, 0.8300,
-26.0660

 11.1530, -5.2250,
-9.9370

 250.9390, 9.9970,

 0.0000, 0.0000,

-10.4750

0.0000

254.6580, 0.9630,
-0.9330

■ 110.4360,
-45.5130, -83.7930

■ 110.4360,
-45.5130, -83.7930

■ 104.2410,
-49.6380, -91.6380

■ 117.7560,
-40.2420, -74.6900

■ 124.8910,
-35.8880, -65.4880

■ 132.2110,
-30.6170, -56.3850

■ 139.5310,
-25.3460, -47.2820

■ 146.6660,
-20.9920, -38.0800

■ 153.9860,
-15.7210, -28.9770

■ 161.4200,
-10.7710, -19.5630

■ 168.7400, -5.5000,
-10.4600

■ 175.7610, -0.8250,
-1.5690

Harmonies

Analogous

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



138.1500, 41.2740, -54.1980



110.4360, -45.5130, -83.7930



120.8900, -86.8730, -61.0890

Triad

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



110.4360, -45.5130, -83.7930



130.0340, -129.1550, -10.6510



119.0640, 101.6820, 62.5300

Complementary

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



110.4360, -45.5130, -83.7930



81.5640, 45.5130, 83.7930

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.



132.0650, 74.7190, 83.1270



110.4360, -45.5130, -83.7930



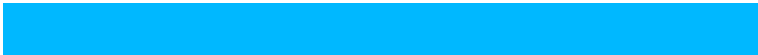
115.3590, -122.2800, 2.4240

Square

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



110.4360, -45.5130, -83.7930



137.0780, -132.4550, -16.9270



154.0710, 12.6880, 67.4400



137.1740, 114.0700, 14.2140

Rectangle

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



110.4360, -45.5130, -83.7930



128.3340, -105.0780, -45.0300



154.0710, 12.6880, 67.4400



117.3320, 95.5360, 74.8000

Sweetspot

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



110.4360, -45.5130, -83.7930



204.5080, -17.3710, -32.1150



157.6350, 50.2140, -51.0180



99.8330, -10.4960, -19.0400



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



110.4360, -45.5130, -83.7930



135.4660, -64.5340, -119.0460



119.6700, -71.5140, -58.6020



85.2830, -2.4750, -4.7070



90.1530, -43.0380, -79.0860



15.2620, -7.1500, -13.5980

Inverse Universe

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



81.5640, 45.5130, 83.7930



94.4200, 64.8550, 118.7350



72.3300, 71.5140, 58.6020



83.7170, 2.4750, 4.7070



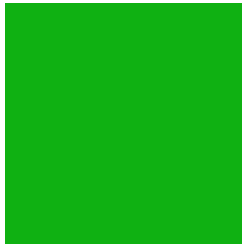
62.8470, 43.0380, 79.0860



10.6240, 7.4710, 13.2870

Previews

White Background



This preview shows how the YIQ color 110.4360, -45.5130, -83.7930 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 110.4360, -45.5130, -83.7930 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 110.4360, -45.5130, -83.7930 Background



This preview shows how black text looks on a background with the YIQ color 110.4360, -45.5130, -83.7930.



This preview shows how white text looks on a background with the YIQ color 110.4360, -45.5130, -83.7930.

-83.7930.

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

110.4360, -45.5130, -83.7930

Protanopia

140.5810, 59.4740, -42.6220

Deuteranopia

146.1260, 60.1580, -21.9700



Tritanopia

139.5720, -57.8130, -15.0370

Trichromacy



Original Color

110.4360, -45.5130, -83.7930



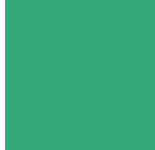
Protanomaly

129.5050, 21.1010, -57.5470



Deuteranomaly

133.0080, 21.6030, -44.6130



Tritanomaly

128.7300, -53.4070, -39.8310

Monochromacy



Original Color

110.4360, -45.5130, -83.7930



Achromatopsia

110.0000, 0.0000, 0.0000



Achromatomaly

109.8610, -16.8670, -30.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.4360, -45.5130, -83.7930 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(15, 177, 18)` looks like.

```
.text, #text, p{  
    color:rgb(15, 177, 18)  
}
```

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(15, 177, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 177, 18) }
```

Border

The CSS property to change the border of an element to YIQ 110.4360, -45.5130, -83.7930 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(15, 177, 18) }
```


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

```
.border{ border-color:rgb(15, 177, 18) }
```

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

Here you see how a box with a 4 pixel rgb(15, 177, 18) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 177, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 177, 18);  
box-shadow:4px 4px 4px 4px rgb(15, 177,  
18) }
```

Background

The CSS property to change the background color of an element to YIQ 110.4360, -45.5130, -83.7930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 177, 18) }
```

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

```
.background{ background-color: rgb(15, 177,  
18) }
```

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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