

Converting Colors

YIQ(180.9290, -29.8830,
-58.6750)

Have a look what the booklet for
YIQ(180.9290, -29.8830, -58.6750)
contains.

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Color

**YIQ(180.9290, -29.8830,
-58.6750)**

Conversions

Conversions Part 1

Format	Color
Hex	74E372
RGB	116, 227, 114
RGB Percent	45%, 89%, 45%
CMY	0.5454, 0.1096, 0.5530
CMYK	0.49, 0.00, 0.50, 0.11
HSL	119°, 67%, 67%
HSV	119°, 50%, 89%
XYZ	37.7097, 59.8854, 25.4888
YIQ	180.9290, -29.8830, -58.6750

Conversions

Conversions Part 2

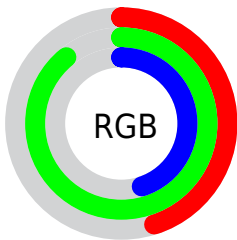
Format	Color
RYB	114, 227, 225
Decimal	7660402
CIELab	81.78, -54.05, 45.32
CIELCh	82, 70.531, 140.020
Yxy	59.8854, 0.3064, 0.4865
Android (android.graphics.Color)	4285850482 (0xFF74E372)
YUV	180.9290, -32.9960, -56.9427
Hunter-Lab	77.3857, -48.4426, 34.6414

Details

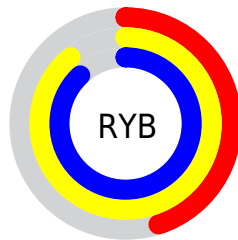
The YIQ color **180.9290, -29.8830, -58.6750** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **160.0710, 29.8830, 58.6750**, and the grayscale version is **181.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **220.8630, -20.3490, -44.2290**, and **123.5910, -34.7430, -58.7030** is the 20% darker color. If you saturate the color by 10%, you get **171.7290, -35.6120, -70.4920**, and if you desaturate by 10%, it is **190.1290, -24.1540, -46.8580**.

Distribution



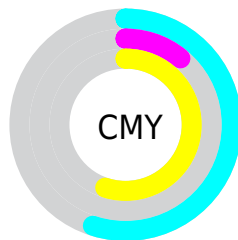
- Red (45%)
- Green (89%)
- Blue (45%)



- Red (45%)
- Yellow (89%)
- Blue (88%)



- Cyan (49%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)



- Cyan (55%)
- Magenta (11%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 180.9290, -29.8830, -58.6750 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 180.9290, -29.8830, -58.6750 by changing the saturation by 10% instead.

■ 180.9290,
-29.8830, -58.6750

■ 180.9290,
-29.8830, -58.6750

■ 255.0000, -0.0000,
-0.0000

■ 152.5590,
-31.7170, -58.4770

■ 220.8630,
-20.3490, -44.2290

■ 123.5910,
-34.7430, -58.7030

■ 233.0250,
-11.4570, -29.1610

■ 89.2410, -48.4970,
-62.7450

■ 244.8880, -3.1610,
-14.3050

■ 69.0210, -33.1380,
-60.2580

■ 254.7720, 0.6420,
-0.6220

■ 53.4170, -25.0250,
-47.5930

■ 38.7420, -18.1500,
-34.5180

■ 26.4150, -12.3750,

-23.5350

■ 7.0440, -3.3000,
-6.2760

■ 0.0000, 0.0000,
0.0000

■ 180.9290,
-29.8830, -58.6750

■ 180.9290,
-29.8830, -58.6750

■ 171.7290,
-35.6120, -70.4920

■ 190.1290,
-24.1540, -46.8580

■ 162.3440,
-42.2580, -82.2100


■ 199.5140,
-17.5080, -35.1400


■ 153.1440,
-47.9870, -94.0270

■ 208.7140,
-11.7790, -23.3230

■ 143.9440,
-53.7160, -105.8440

■ 217.9140, -6.0500,
-11.5060

 134.4450,
-60.0410, -117.8730

 227.4130, 0.2750,
0.5230

 236.4990, 6.3250,
12.0290

 238.5640, 7.7000,
14.6440

Harmonies

Analogous

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



191.3870, 36.4130, -48.6990



180.9290, -29.8830, -58.6750



157.6500, -121.4880, -67.0240

Triad

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



180.9290, -29.8830, -58.6750



156.4490, -141.5300, -34.1860



180.4150, 59.8280, 28.0840

Complementary

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



180.9290, -29.8830, -58.6750



160.0710, 29.8830, 58.6750

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.



187.3520, 38.9170, 49.1330



180.9290, -29.8830, -58.6750



193.1690, -36.5440, 12.5120

Square

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



180.9290, -29.8830, -58.6750



164.0800, -145.1050, -40.9850



203.3440, 24.2000, 46.0240



185.5430, 72.9460, -0.4140

Rectangle

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



180.9290, -29.8830, -58.6750



164.0680, -136.8040, -53.7640



203.3440, 24.2000, 46.0240



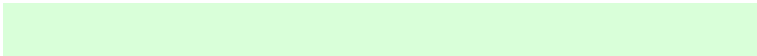
181.1620, 53.5910, 36.4950

Sweetspot

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



180.9290, -29.8830, -58.6750



239.3060, -10.4500, -19.8740



211.7700, 37.3730, -33.0510



118.5010, -6.3250, -12.0290



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.



180.9290, -29.8830, -58.6750



192.7080, -40.2870, -79.3830



186.3730, -48.0880, -42.6160



110.0440, -3.3000, -6.2760



105.9700, -47.4370, -92.9810



30.2360, -13.4290, -26.4610

Inverse Universe

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



160.0710, 29.8830, 58.6750



164.2920, 40.2870, 79.3830



154.6270, 48.0880, 42.6160



107.9560, 3.3000, 6.2760



72.7310, 46.8410, 92.7690



20.7640, 13.4290, 26.4610

Previews

White Background



This preview shows how the YIQ color 180.9290, -29.8830, -58.6750 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 180.9290, -29.8830, -58.6750 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 180.9290, -29.8830, -58.6750 Background



This preview shows how black text looks on a background with the YIQ color 180.9290, -29.8830, -58.6750.



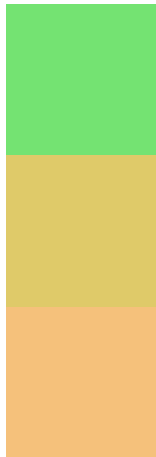
This preview shows how white text looks on a background with the YIQ color 180.9290, -29.8830, -58.6750.

-58.6750.

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

180.9290, -29.8830, -58.6750

Protanopia

197.2210, 43.6530, -25.7150

Deuteranopia

200.5680, 53.4620, -10.7460



Tritanopia

194.1110, -48.9650, -10.1890

Trichromacy



Original Color

180.9290, -29.8830, -58.6750



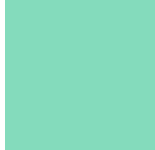
Protanomaly

191.1850, 16.9710, -37.7570



Deuteranomaly

193.2170, 23.1130, -27.9190



Tritanomaly

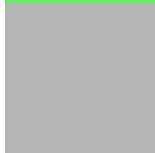
189.4530, -41.9010, -28.0850

Monochromacy



Original Color

180.9290, -29.8830, -58.6750



Achromatopsia

181.0000, -0.0000, 0.0000



Achromatomaly

181.0670, -11.2750, -21.4430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 180.9290, -29.8830, -58.6750 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(116, 227, 114)` looks like.

```
.text, #text, p{  
    color:rgb(116, 227, 114)  
}
```

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(116, 227, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 227, 114) }
```

Border

The CSS property to change the border of an element to YIQ 180.9290, -29.8830, -58.6750 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(116, 227, 114) }
```


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

```
.border{ border-color:rgb(116, 227, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 227, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 227, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 227, 114);  
box-shadow:4px 4px 4px 4px rgb(116, 227,  
114) }
```

Background

The CSS property to change the background color of an element to YIQ 180.9290, -29.8830, -58.6750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 227, 114) }
```

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

```
.background{ background-color: rgb(116,  
227, 114) }
```

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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