

Converting Colors

YIQ(176.2780, -48.7780,
-30.1060)

Have a look what the booklet for
YIQ(176.2780, -48.7780, -30.1060)
contains.

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Color

**YIQ(176.2780, -48.7780,
-30.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	6FD1B3
RGB	111, 209, 179
RGB Percent	44%, 82%, 70%
CMY	0.5649, 0.1802, 0.2982
CMYK	0.47, 0.00, 0.14, 0.18
HSL	162°, 52%, 63%
HSV	162°, 47%, 82%
XYZ	37.4903, 52.2494, 50.7340
YIQ	176.2780, -48.7780, -30.1060

Conversions

Conversions Part 2

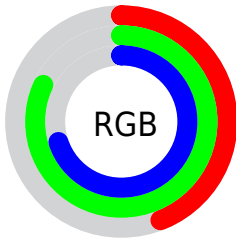
Format	Color
RYB	111, 169, 209
Decimal	7328179
CIELab	77.43, -36.03, 6.03
CIElCh	77, 36.528, 170.492
Yxy	52.2494, 0.2669, 0.3720
Android (android.graphics.Color)	4285518259 (0xFF6FD1B3)
YUV	176.2780, 1.3419, -57.2488
Hunter-Lab	72.2837, -33.9166, 8.9846

Details

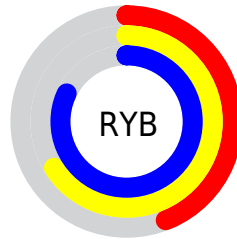
The YIQ color **176.2780, -48.7780, -30.1060** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **143.7220, 48.7780, 30.1060**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7070, -45.4320, -24.6640**, and **120.6090, -51.2080, -30.1200** is the 20% darker color. If you saturate the color by 10%, you get **169.3150, -59.3680, -36.4240**, and if you desaturate by 10%, it is **183.2410, -38.1880, -23.7880**.

Distribution



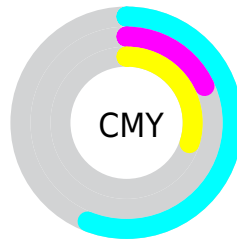
- Red (44%)
- Green (82%)
- Blue (70%)



- Red (44%)
- Yellow (66%)
- Blue (82%)



- Cyan (47%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (56%)
- Magenta (18%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.2780, -48.7780, -30.1060 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 176.2780, -48.7780, -30.1060 by changing the saturation by 10% instead.

■ 176.2780,
-48.7780, -30.1060

■ 176.2780,
-48.7780, -30.1060

■ 255.0000, -0.0000,
-0.0000

■ 148.0930,
-49.6950, -30.0070

■ 226.7070,
-45.4320, -24.6640

■ 120.3100,
-51.8040, -30.3320

■ 237.3590,
-35.1640, -12.5080

■ 89.9390, -61.0650,
-33.2010

■ 246.3290,
-17.2840, -6.1480

■ 68.6520, -52.7670,
-29.3990

■ 51.4690, -38.8300,
-23.1660

■ 35.4600, -25.4430,
-17.9790

■ 21.2120, -12.8810,

-14.3610

■ 0.0000, 0.0000,
0.0000

■ 176.2780,
-48.7780, -30.1060

■ 176.2780,
-48.7780, -30.1060

■ 169.3150,
-59.3680, -36.4240

■ 183.2410,
-38.1880, -23.7880

■ 162.2380,
-69.6370, -43.0530

■ 190.3180,
-27.9190, -17.1590

■ 155.2750,
-80.2270, -49.3710

■ 197.2810,
-17.3290, -10.8410

■ 148.1980,
-90.4960, -56.0000

■ 204.3580, -7.0600,
-4.2120

■ 141.2350,
-101.0860, -62.3180

■ 211.0220, 2.9340,
1.8940

■ 139.2130,
-104.0200, -64.2120

■ 217.9850, 13.5240,
8.2120

■ 224.4640, 22.6010,
14.4170

■ 225.1480, 20.6750,
16.2830

■ 225.9460, 18.4280,
18.4600

Harmonies

Analogous

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



182.5410, -12.9700, -29.2740



176.2780, -48.7780, -30.1060



170.3900, -81.1480, -27.1640

Triad

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



176.2780, -48.7780, -30.1060



191.9580, -25.4040, 19.8760



192.2500, 55.0180, 5.1140

Complementary

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



176.2780, -48.7780, -30.1060



143.7220, 48.7780, 30.1060

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.



193.5400, 51.8060, 19.2780



176.2780, -48.7780, -30.1060



196.4910, 9.9440, 29.0480

Square

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



176.2780, -48.7780, -30.1060



183.5680, -60.0170, 2.8870



196.3340, 38.1870, 29.3150



189.8210, 42.5040, -10.3920

Rectangle

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



176.2780, -48.7780, -30.1060



170.5990, -88.8060, -20.5340



196.3340, 38.1870, 29.3150



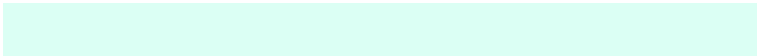
193.3090, 56.5300, 10.7540

Sweetspot

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



176.2780, -48.7780, -30.1060



242.9820, -17.9250, -11.0530



177.7950, -8.4740, -44.6820



120.6240, -10.8650, -6.8410



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.



176.2780, -48.7780, -30.1060



207.2270, -71.1040, -44.0000



169.1320, -53.4580, -11.3620



101.2550, -5.2720, -3.5760



111.9540, -83.7570, -51.4770



27.2590, -20.2630, -12.7350

Inverse Universe

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



143.7220, 48.7780, 30.1060



159.7730, 71.1040, 44.0000



150.8680, 53.4580, 11.3620



97.6310, 5.5930, 3.2650



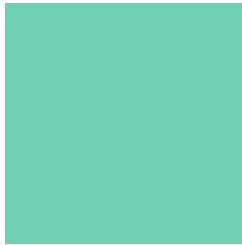
56.1600, 83.4360, 51.7880



13.7410, 20.2630, 12.7350

Previews

White Background



This preview shows how the YIQ color 176.2780, -48.7780, -30.1060 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 176.2780, -48.7780, -30.1060 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

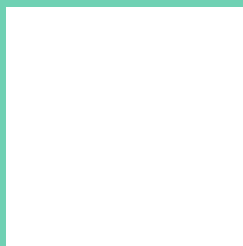
Any Text WCAG AAA ✓ Pass

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

YIQ 176.2780, -48.7780, -30.1060 Background



This preview shows how black text looks on a background with the YIQ color 176.2780, -48.7780, -30.1060.



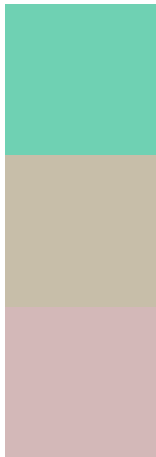
This preview shows how white text looks on a background with the YIQ color 176.2780, -48.7780, -30.1060.

-30.1060.

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

176.2780, -48.7780, -30.1060

Protanopia

190.2970, 12.1050, -4.6230

Deuteranopia

192.0730, 16.0920, 5.7240



Tritanopia

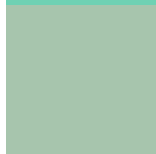
180.7190, -53.7330, -11.8850

Trichromacy



Original Color

176.2780, -48.7780, -30.1060



Protanomaly

185.2940, -10.1760, -13.8240



Deuteranomaly

186.3640, -7.1970, -7.2370



Tritanomaly

178.9870, -51.8520, -18.4440

Monochromacy



Original Color

176.2780, -48.7780, -30.1060



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

175.9820, -17.9250, -11.0530

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.2780, -48.7780, -30.1060 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(111, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(111, 209, 179)  
}
```

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(111, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 209, 179) }
```

Border

The CSS property to change the border of an element to YIQ 176.2780, -48.7780, -30.1060 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(111, 209, 179) }
```


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

```
.border{ border-color:rgb(111, 209, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 209, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 209, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 209, 179); box-shadow:4px 4px 4px 4px rgb(111, 209, 179) }
```

Background

The CSS property to change the background color of an element to YIQ 176.2780, -48.7780, -30.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 209, 179) }
```

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

```
.background{ background-color: rgb(111,  
209, 179) }
```

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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