

Converting Colors

YIQ(178.0510, -40.7090,
-27.6610)

Have a look what the booklet for
YIQ(178.0510, -40.7090, -27.6610)
contains.

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Color

**YIQ(178.0510, -40.7090,
-27.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	7ACFB0
RGB	122, 207, 176
RGB Percent	48%, 81%, 69%
CMY	0.5218, 0.1881, 0.3099
CMYK	0.41, 0.00, 0.15, 0.19
HSL	158°, 47%, 65%
HSV	158°, 41%, 81%
XYZ	38.1725, 51.9096, 49.0637
YIQ	178.0510, -40.7090, -27.6610

Conversions

Conversions Part 2

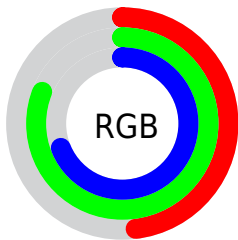
Format	Color
RYB	122, 174, 207
Decimal	8048560
CIELab	77.23, -32.94, 7.40
CIELCh	77, 33.762, 167.331
Yxy	51.9096, 0.2743, 0.3731
Android (android.graphics.Color)	4286238640 (0xFF7ACFB0)
YUV	178.0510, -1.0111, -49.1567
Hunter-Lab	72.0483, -31.5120, 10.0583

Details

The YIQ color **178.0510, -40.7090, -27.6610** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **150.9490, 40.7090, 27.6610**, and the grayscale version is **178.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.3550, -38.5090, -23.4770**, and **123.3930, -41.6720, -26.7280** is the 20% darker color. If you saturate the color by 10%, you get **170.8600, -50.6570, -34.6010**, and if you desaturate by 10%, it is **185.2420, -30.7610, -20.7210**.

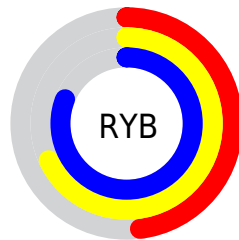
Distribution



Red (48%)

Green (81%)

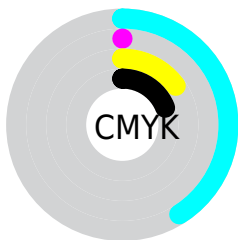
Blue (69%)



Red (48%)

Yellow (68%)

Blue (81%)

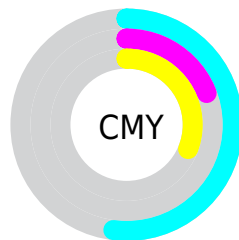


Cyan (41%)

Magenta (0%)

Yellow (15%)

Black (19%)



Cyan (52%)

Magenta (19%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 178.0510, -40.7090, -27.6610 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 178.0510, -40.7090, -27.6610 by changing the saturation by 10% instead.

■ 178.0510,
-40.7090, -27.6610

■ 178.0510,
-40.7090, -27.6610

■ 255.0000, -0.0000,
-0.0000

■ 150.4640,
-40.4340, -27.1380

■ 229.3550,
-38.5090, -23.4770

■ 123.2790,
-41.3510, -27.0390

■ 240.3490,
-29.2040, -10.3880

■ 96.3110, -44.3770,
-27.2650

■ 249.0200,
-11.9200, -4.2400

■ 67.2500, -51.5750,
-28.9750

■ 50.5400, -37.5920,
-23.5760

■ 34.0580, -24.2510,
-17.5550

■ 20.1690, -11.3220,

-15.0820

■ 0.0000, 0.0000,
0.0000

■ 178.0510,
-40.7090, -27.6610

■ 178.0510,
-40.7090, -27.6610

■ 170.8600,
-50.6570, -34.6010

■ 185.2420,
-30.7610, -20.7210

■ 164.0820,
-60.3300, -41.0180

■ 192.0200,
-21.0880, -14.3040

■ 156.8910,
-70.2780, -47.9580

■ 199.2110,
-11.1400, -7.3640

■ 149.8140,
-80.5470, -54.5870

■ 206.2880, -0.8710,
-0.7350

■ 142.6230,
-90.4950, -61.5270

■ 213.1800, 8.4810,
5.9930

■ 136.4430,
-98.9760, -67.5200

■ 220.2570, 18.7500,
12.6220

■ 223.8600, 21.5460,
17.0180

■ 224.6580, 19.2990,
19.1950

■ 225.5700, 16.7310,
21.6830

Harmonies

Analogous

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



182.8730, -7.9730, -26.2210



178.0510, -40.7090, -27.6610



173.3160, -69.1360, -24.5920

Triad

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



178.0510, -40.7090, -27.6610



190.8930, -26.7790, 17.2610



192.3360, 51.9000, 6.5560

Complementary

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



178.0510, -40.7090, -27.6610



150.9490, 40.7090, 27.6610

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.



194.0990, 48.7340, 19.8860



178.0510, -40.7090, -27.6610



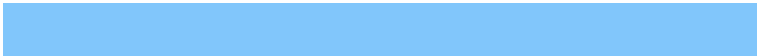
194.7570, 6.1390, 26.4190

Square

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



178.0510, -40.7090, -27.6610



183.4110, -58.1370, 1.8550



195.5290, 33.1440, 27.0960



190.1030, 41.7700, -8.1020

Rectangle

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



178.0510, -40.7090, -27.6610



173.2260, -77.3900, -18.1740



195.5290, 33.1440, 27.0960



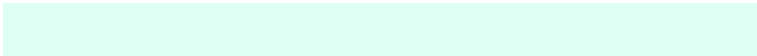
192.6830, 52.5410, 11.4610

Sweetspot

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



178.0510, -40.7090, -27.6610



244.4770, -14.9450, -9.9930



181.1640, -4.8990, -37.8830



121.8200, -8.4810, -5.9930



0.0000, 0.0000, 0.0000



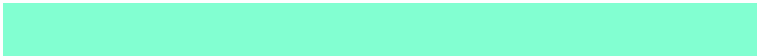
128.0000, -0.0000, -0.0000

Same Dimension

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



178.0510, -40.7090, -27.6610



212.3810, -59.7340, -40.8060



175.1280, -47.6350, -12.2670



101.2550, -5.2720, -3.5760



110.8140, -80.5470, -54.5870



27.0310, -19.6210, -13.3570

Inverse Universe

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



150.9490, 40.7090, 27.6610



172.6190, 59.7340, 40.8060



153.8720, 47.6350, 12.2670



97.7450, 5.2720, 3.5760



57.1860, 80.5470, 54.5870



13.9690, 19.6210, 13.3570

Previews

White Background



This preview shows how the YIQ color 178.0510, -40.7090, -27.6610 looks on a white background.

Color Contrast Check

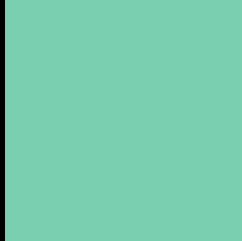
Large Text (above 18pt) WCAG AA × Fail

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 178.0510, -40.7090, -27.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

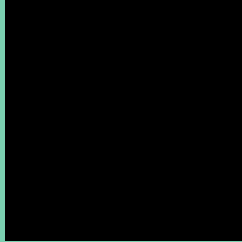
Any Text WCAG AA ✓ Pass

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 178.0510, -40.7090, -27.6610 Background



This preview shows how black text looks on a background with the YIQ color 178.0510, -40.7090, -27.6610.



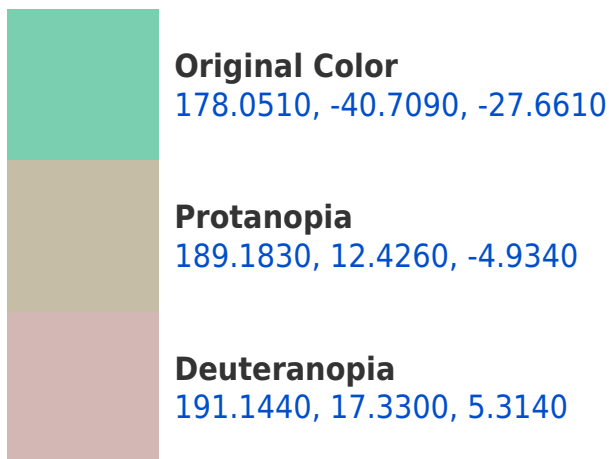
This preview shows how white text looks on a background with the YIQ color 178.0510, -40.7090, -27.6610.

-27.6610.

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





Tritanopia

182.1930, -46.2600, -9.6520

Trichromacy



Original Color

178.0510, -40.7090, -27.6610



Protanomaly

185.2620, -7.1500, -13.5980



Deuteranomaly

186.6310, -3.5750, -6.7990



Tritanomaly

180.4610, -44.3790, -16.2110

Monochromacy



Original Color

178.0510, -40.7090, -27.6610



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.3630, -14.6240, -10.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 178.0510, -40.7090, -27.6610 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(122, 207, 176)` looks like.

```
.text, #text, p{  
    color:rgb(122, 207, 176)  
}
```

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(122, 207, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 207, 176) }
```

Border

The CSS property to change the border of an element to YIQ 178.0510, -40.7090, -27.6610 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(122, 207, 176) }
```


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

```
.border{ border-color:rgb(122, 207, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 207, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 207, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 207, 176);  
box-shadow:4px 4px 4px 4px rgb(122, 207,  
176) }
```

Background

The CSS property to change the background color of an element to YIQ 178.0510, -40.7090, -27.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 207, 176) }
```

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

```
.background{ background-color: rgb(122,  
207, 176) }
```

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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