

Converting Colors

YIQ(175.3500, -40.1130,
-27.4490)

Have a look what the booklet for
YIQ(175.3500, -40.1130, -27.4490)
contains.

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Color

**YIQ(175.3500, -40.1130,
-27.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	78CCAD
RGB	120, 204, 173
RGB Percent	47%, 80%, 68%
CMY	0.5296, 0.1998, 0.3217
CMYK	0.41, 0.00, 0.15, 0.20
HSL	158°, 45%, 64%
HSV	158°, 41%, 80%
XYZ	36.8787, 50.2074, 47.2650
YIQ	175.3500, -40.1130, -27.4490

Conversions

Conversions Part 2

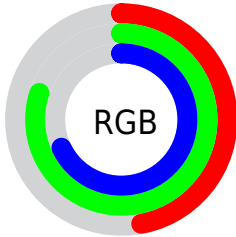
Format	Color
RYB	120, 172, 204
Decimal	7916717
CIELab	76.20, -32.71, 7.53
CIELCh	76, 33.569, 167.046
Yxy	50.2074, 0.2745, 0.3737
Android (android.graphics.Color)	4286106797 (0xFF78CCAD)
YUV	175.3500, -1.1585, -48.5419
Hunter-Lab	70.8571, -31.0969, 10.0509

Details

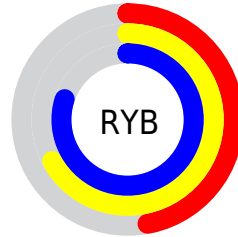
The YIQ color **175.3500, -40.1130, -27.4490** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **148.6500, 40.1130, 27.4490**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **228.3010, -38.4170, -25.1450**, and **120.6920, -41.0760, -26.5160** is the 20% darker color. If you saturate the color by 10%, you get **168.4580, -49.4650, -34.1770**, and if you desaturate by 10%, it is **182.2420, -30.7610, -20.7210**.

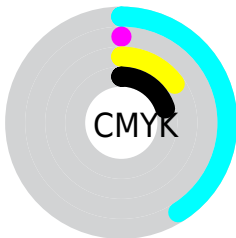
Distribution



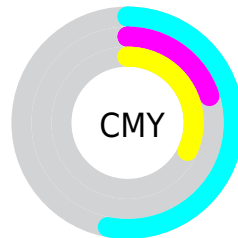
- Red (47%)
- Green (80%)
- Blue (68%)



- Red (47%)
- Yellow (67%)
- Blue (80%)



- Cyan (41%)
- Magenta (0%)
- Yellow (15%)
- Black (20%)



- Cyan (53%)
- Magenta (20%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.3500, -40.1130, -27.4490 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 175.3500, -40.1130, -27.4490 by changing the saturation by 10% instead.

■ 175.3500,
-40.1130, -27.4490

■ 175.3500,
-40.1130, -27.4490

■ 255.0000, -0.0000,
-0.0000

■ 147.7630,
-39.8380, -26.9260

■ 228.3010,
-38.4170, -25.1450

■ 120.6920,
-41.0760, -26.5160

■ 239.7510,
-30.3960, -10.8120

■ 93.6100, -43.7810,
-27.0530

■ 248.4220,
-13.1120, -4.6640

■ 65.7340, -50.0620,
-28.8620

■ 48.5510, -36.1250,
-22.6290

■ 32.6560, -23.0590,
-17.1310

■ 17.9520, -9.2130,

-14.7570

■ 0.0000, 0.0000,
0.0000

■ 175.3500,
-40.1130, -27.4490

■ 175.3500,
-40.1130, -27.4490

■ 168.4580,
-49.4650, -34.1770

■ 182.2420,
-30.7610, -20.7210

■ 161.3810,
-59.7340, -40.8060

■ 189.3190,
-20.4920, -14.0920

■ 154.4890,
-69.0860, -47.5340


■ 196.2110,
-11.1400, -7.3640


■ 147.4120,
-79.3550, -54.1630


■ 203.2880, -0.8710,
-0.7350


■ 140.5200,
-88.7070, -60.8910


■ 210.1800, 8.4810,
5.9930

 134.4540,
-97.5090, -66.5730

 216.9580, 18.1540,
12.4100

 221.7570, 23.3340,
17.6540

 222.5550, 21.0870,
19.8310

 223.4670, 18.5190,
22.3190

Harmonies

Analogous

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



179.9870, -8.2940, -25.9100



175.3500, -40.1130, -27.4490



170.6150, -68.5400, -24.3800

Triad

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



175.3500, -40.1130, -27.4490



188.4800, -27.0540, 16.7380



189.4500, 51.5790, 6.8670

Complementary

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



175.3500, -40.1130, -27.4490



148.6500, 40.1130, 27.4490

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.



191.0990, 48.7340, 19.8860



175.3500, -40.1130, -27.4490



192.3440, 5.8640, 25.8960

Square

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



175.3500, -40.1130, -27.4490



180.7100, -57.5410, 2.0670



192.6430, 32.8230, 27.4070



187.2170, 41.4490, -7.7910

Rectangle

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



175.3500, -40.1130, -27.4490



170.4110, -76.4730, -18.2730



192.6430, 32.8230, 27.4070



190.3840, 51.9450, 11.2490

Sweetspot

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



175.3500, -40.1130, -27.4490



244.4770, -14.9450, -9.9930



178.8760, -4.0280, -37.1480



121.8200, -8.4810, -5.9930



0.0000, 0.0000, 0.0000



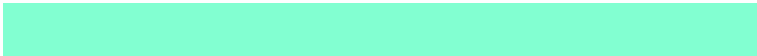
128.0000, -0.0000, -0.0000

Same Dimension

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



175.3500, -40.1130, -27.4490



212.3810, -59.7340, -40.8060



173.0140, -47.3140, -12.5780



98.5540, -4.6760, -3.3640



109.4120, -79.3550, -54.1630



25.0420, -18.1540, -12.4100

Inverse Universe

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



148.6500, 40.1130, 27.4490



172.6190, 59.7340, 40.8060



150.9860, 47.3140, 12.5780



95.4460, 4.6760, 3.3640



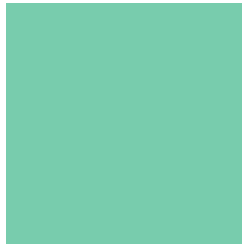
56.5880, 79.3550, 54.1630



12.9580, 18.1540, 12.4100

Previews

White Background



This preview shows how the YIQ color 175.3500, -40.1130, -27.4490 looks on a white background.

Color Contrast Check

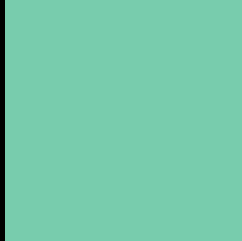
Large Text (above 18pt) WCAG AA × Fail

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 175.3500, -40.1130, -27.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

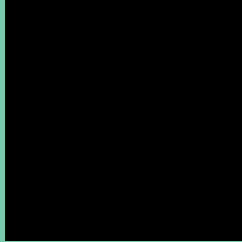
Any Text WCAG AA ✓ Pass

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 175.3500, -40.1130, -27.4490 Background



This preview shows how black text looks on a background with the YIQ color 175.3500, -40.1130, -27.4490.



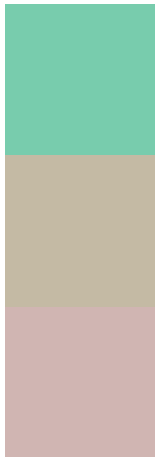
This preview shows how white text looks on a background with the YIQ color 175.3500, -40.1130, -27.4490.

-27.4490.

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

175.3500, -40.1130, -27.4490

Protanopia

186.4820, 13.0220, -4.7220

Deuteranopia

188.7310, 17.0550, 4.7910



Tritanopia

179.4920, -45.6640, -9.4400

Trichromacy



Original Color

175.3500, -40.1130, -27.4490

Protanomaly

182.5610, -6.5540, -13.3860

Deuteranomaly

183.6310, -3.5750, -6.7990

Tritanomaly

177.7600, -43.7830, -15.9990

Monochromacy



Original Color

175.3500, -40.1130, -27.4490

Achromatopsia

175.0000, -0.0000, -0.0000

Achromatomaly

175.3630, -14.6240, -10.3040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.3500, -40.1130, -27.4490 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(120, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(120, 204, 173)  
}
```

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(120, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 204, 173) }
```

Border

The CSS property to change the border of an element to YIQ 175.3500, -40.1130, -27.4490 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(120, 204, 173) }
```


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

```
.border{ border-color:rgb(120, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(120, 204,  
173) }
```

Background

The CSS property to change the background color of an element to YIQ 175.3500, -40.1130, -27.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 204, 173) }
```

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

```
.background{ background-color: rgb(120,  
204, 173) }
```

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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