

Converting Colors

YIQ(176.6580, -71.2400,
-52.5520)

Have a look what the booklet for
YIQ(176.6580, -71.2400, -52.5520)
contains.

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Color

**YIQ(176.6580, -71.2400,
-52.5520)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE6A6
RGB	76, 230, 166
RGB Percent	30%, 90%, 65%
CMY	0.7024, 0.0978, 0.3492
CMYK	0.67, 0.00, 0.28, 0.10
HSL	155°, 76%, 60%
HSV	155°, 67%, 90%
XYZ	38.1645, 60.9128, 45.7937
YIQ	176.6580, -71.2400, -52.5520

Conversions

Conversions Part 2

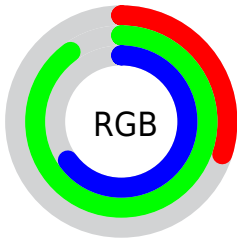
Format	Color
RYB	76, 173, 230
Decimal	5039782
CIELab	82.33, -54.97, 19.69
CIElCh	82, 58.391, 160.291
Yxy	60.9128, 0.2634, 0.4205
Android (android.graphics.Color)	4283229862 (0xFF4CE6A6)
YUV	176.6580, -5.2544, -88.2771
Hunter-Lab	78.0467, -49.2958, 19.8444

Details

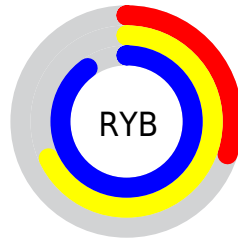
The YIQ color **176.6580, -71.2400, -52.5520** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **129.3420, 71.2400, 52.5520**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0380, -57.0300, -34.7420**, and **114.5470, -84.1690, -55.0250** is the 20% darker color. If you saturate the color by 10%, you get **168.6410, -81.7380, -60.5380**, and if you desaturate by 10%, it is **184.6750, -60.7420, -44.5660**.

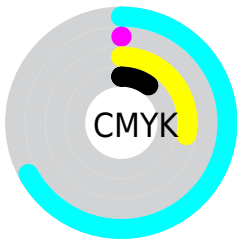
Distribution



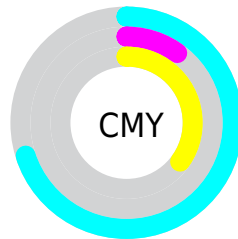
- Red (30%)
- Green (90%)
- Blue (65%)



- Red (30%)
- Yellow (68%)
- Blue (90%)



- Cyan (67%)
- Magenta (0%)
- Yellow (28%)
- Black (10%)



- Cyan (70%)
- Magenta (10%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6580, -71.2400, -52.5520 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 176.6580, -71.2400, -52.5520 by changing the saturation by 10% instead.

■ 176.6580,
-71.2400, -52.5520

■ 176.6580,
-71.2400, -52.5520

■ 255.0000, -0.0000,
-0.0000

■ 143.7000,
-80.2260, -54.8980

■ 217.0380,
-57.0300, -34.7420

■ 114.5470,
-84.1690, -55.0250

■ 229.3140,
-48.4590, -19.3630

■ 95.8480, -68.7190,
-48.6790

■ 239.1530,
-31.5880, -11.2360

■ 77.2630, -53.5900,
-42.0220

■ 248.4220,
-13.1120, -4.6640

■ 59.4930, -39.3780,
-35.2660

■ 42.3100, -25.4410,
-29.0330

■ 27.0020, -12.6500,

-24.0580

■ 8.8050, -4.1250,
-7.8450

■ 0.0000, 0.0000,
0.0000

■ 176.6580,
-71.2400, -52.5520

■ 176.6580,
-71.2400, -52.5520

■ 168.6410,
-81.7380, -60.5380

■ 184.6750,
-60.7420, -44.5660

■ 160.7380,
-92.5570, -68.2130


■ 192.5780,
-49.9230, -36.8910

■ 152.7210,
-103.0550, -76.1990

■ 200.5950,
-39.4250, -28.9050

■ 150.2860,
-106.2640, -78.6160


■ 208.4980,
-28.6060, -21.2300

 216.5150,
-18.1080, -13.2440

 224.4180, -7.2890,
-5.5690

 232.4350, 3.2090,
2.4170

 238.8430, 11.0480,
9.0320

 239.9830, 7.8380,
12.1420

Harmonies

Analogous

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



191.6060, -3.5680, -45.4880



176.6580, -71.2400, -52.5520



162.1930, -135.6580, -52.5060

Triad

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



176.6580, -71.2400, -52.5520



192.4720, -50.9390, 3.5650



191.0660, 61.5280, 8.2800

Complementary

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



176.6580, -71.2400, -52.5520



129.3420, 71.2400, 52.5520

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.



190.4230, 48.1820, 29.8940



176.6580, -71.2400, -52.5520



206.4570, 7.2840, 33.2040

Square

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



176.6580, -71.2400, -52.5520



158.7970, -142.6300, -36.2780



200.2150, 28.8770, 43.8610



198.7020, 67.5840, -13.3760

Rectangle

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



176.6580, -71.2400, -52.5520



165.2540, -145.6550, -42.0310



200.2150, 28.8770, 43.8610



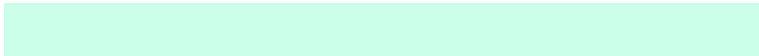
189.9550, 57.7670, 15.8710

Sweetspot

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



176.6580, -71.2400, -52.5520



237.3570, -23.6550, -17.3430



185.5340, -4.2060, -66.9740



117.2490, -14.3030, -10.6150



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.



176.6580, -71.2400, -52.5520



184.3140, -94.2990, -69.6830



176.3230, -88.2090, -25.8490



110.8420, -5.5470, -4.0990



116.9290, -82.6090, -61.2730



33.3570, -23.6550, -17.3430

Inverse Universe

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



129.3420, 71.2400, 52.5520



121.6860, 94.2990, 69.6830



129.6770, 88.2090, 25.8490



107.1580, 5.5470, 4.0990



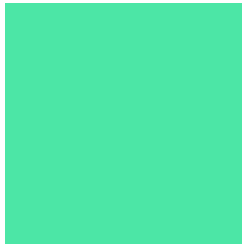
61.9570, 82.9300, 60.9620



17.6430, 23.6550, 17.3430

Previews

White Background



This preview shows how the YIQ color 176.6580, -71.2400, -52.5520 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 176.6580, -71.2400, -52.5520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

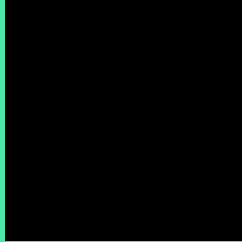
Any Text WCAG AA ✓ Pass

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 176.6580, -71.2400, -52.5520 Background



This preview shows how black text looks on a background with the YIQ color 176.6580, -71.2400, -52.5520.



This preview shows how white text looks on a background with the YIQ color 176.6580, -71.2400, -52.5520.

-52.5520.

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

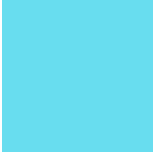
176.6580, -71.2400, -52.5520

Protanopia

201.4860, 24.3940, -12.5820

Deuteranopia

203.9680, 29.3890, 1.5250



Tritanopia

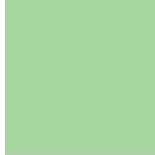
188.0690, -75.5100, -19.2060

Trichromacy



Original Color

176.6580, -71.2400, -52.5520



Protanomaly

192.6770, -10.3570, -27.0690



Deuteranomaly

194.2140, -7.1950, -18.2910



Tritanomaly

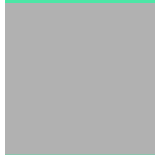
183.7620, -73.6280, -31.2920

Monochromacy



Original Color

176.6580, -71.2400, -52.5520



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.6340, -25.9930, -19.0250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6580, -71.2400, -52.5520 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(76, 230, 166)` looks like.

```
.text, #text, p{  
    color:rgb(76, 230, 166)  
}
```

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(76, 230, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 230, 166) }
```

Border

The CSS property to change the border of an element to YIQ 176.6580, -71.2400, -52.5520 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(76, 230, 166) }
```


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

```
.border{ border-color:rgb(76, 230, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 230, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(76, 230, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(76, 230, 166); box-shadow:4px 4px 4px 4px rgb(76, 230, 166) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6580, -71.2400, -52.5520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 230, 166) }
```

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

```
.background{ background-color: rgb(76, 230,  
166) }
```

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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