

Converting Colors

YIQ(176.6850, -66.7020,
-46.6860)

Have a look what the booklet for
YIQ(176.6850, -66.7020, -46.6860)
contains.

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Color

**YIQ(176.6850, -66.7020,
-46.6860)**

Conversions

Conversions Part 1

Format	Color
Hex	54E1AB
RGB	84, 225, 171
RGB Percent	33%, 88%, 67%
CMY	0.6709, 0.1174, 0.3296
CMYK	0.63, 0.00, 0.24, 0.12
HSL	157°, 70%, 61%
HSV	157°, 63%, 88%
XYZ	37.9342, 58.7010, 47.8308
YIQ	176.6850, -66.7020, -46.6860

Conversions

Conversions Part 2

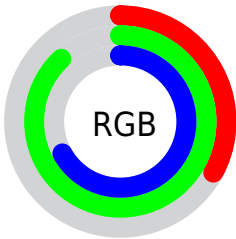
Format	Color
RYB	84, 171, 225
Decimal	5562795
CIELab	81.13, -50.52, 15.42
CIElCh	81, 52.823, 163.022
Yxy	58.7010, 0.2626, 0.4063
Android (android.graphics.Color)	4283752875 (0xFF54E1AB)
YUV	176.6850, -2.8027, -81.2847
Hunter-Lab	76.6166, -45.7005, 16.6176

Details

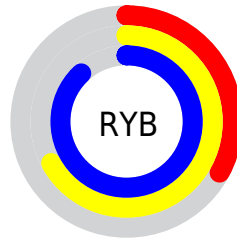
The YIQ color **176.6850, -66.7020, -46.6860** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **132.3150, 66.7020, 46.6860**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **219.1030, -55.6550, -32.1270**, and **112.7690, -84.6740, -51.3780** is the 20% darker color. If you saturate the color by 10%, you get **168.7820, -77.5210, -54.3610**, and if you desaturate by 10%, it is **184.2890, -56.4790, -39.2230**.

Distribution



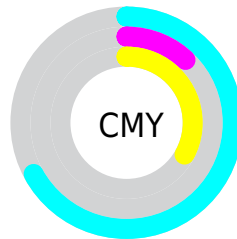
- Red (33%)
- Green (88%)
- Blue (67%)



- Red (33%)
- Yellow (67%)
- Blue (88%)



- Cyan (63%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)



- Cyan (67%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6850, -66.7020, -46.6860 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 176.6850, -66.7020, -46.6860 by changing the saturation by 10% instead.

■ 176.6850,
-66.7020, -46.6860

■ 176.6850,
-66.7020, -46.6860

■ 255.0000, -0.0000,
-0.0000

■ 146.1080,
-72.3870, -48.2830

■ 219.1030,
-55.6550, -32.1270

■ 112.7690,
-84.6740, -51.3780

■ 231.3790,
-47.0840, -16.7480

■ 94.0700, -69.2240,
-45.0320

■ 240.3490,
-29.2040, -10.3880

■ 75.4850, -54.0950,
-38.3750

■ 249.6180,
-10.7280, -3.8160

■ 58.1880, -39.8370,
-32.4530

■ 41.1190, -26.2210,
-25.9090

■ 25.3550, -12.1460,

-22.1780

■ 4.6960, -2.2000,
-4.1840

■ 0.0000, 0.0000,
0.0000

■ 176.6850,
-66.7020, -46.6860

■ 176.6850,
-66.7020, -46.6860

■ 168.7820,
-77.5210, -54.3610

■ 184.2890,
-56.4790, -39.2230

■ 161.2920,
-88.0650, -61.5130

■ 192.0780,
-45.3390, -31.8590

■ 153.3890,
-98.8840, -69.1880

■ 199.6820,
-35.1160, -24.3960

■ 147.9210,
-106.4940, -74.4460

■ 207.4710,
-23.9760, -17.0320

■ 215.0750,
-13.7530, -9.5690

■ 222.9780, -2.9340,
-1.8940

■ 230.4680, 7.6100,
5.2580

■ 235.6800, 13.0650,
11.0250

■ 236.7060, 10.1760,
13.8240

Harmonies

Analogous

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



189.0880, -7.7410, -41.4450



176.6850, -66.7020, -46.6860



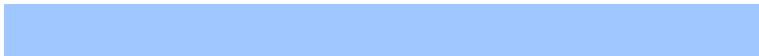
158.5570, -133.6870, -49.6790

Triad

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



176.6850, -66.7020, -46.6860



193.7230, -41.2200, 9.1480



192.1260, 61.2990, 6.9230

Complementary

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



176.6850, -66.7020, -46.6860



132.3150, 66.7020, 46.6860

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.



191.5000, 49.2830, 26.4590



176.6850, -66.7020, -46.6860



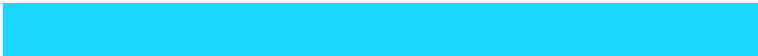
204.6960, 8.1090, 34.7730

Square

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



176.6850, -66.7020, -46.6860



163.0490, -125.4840, -27.6280



199.5480, 32.1330, 39.9170



199.2720, 65.9790, -11.8210

Rectangle

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



176.6850, -66.7020, -46.6860



161.6180, -143.6840, -39.2040



199.5480, 32.1330, 39.9170



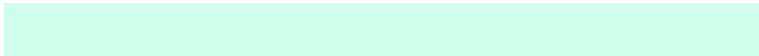
191.3740, 57.9050, 13.3690

Sweetspot

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



176.6850, -66.7020, -46.6860



238.4820, -22.5090, -16.0850



183.5110, -5.3990, -61.8710



117.6620, -14.0280, -10.0920



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.



176.6850, -66.7020, -46.6860



189.5690, -90.4030, -63.1950



174.6230, -80.1860, -22.5700



108.2550, -5.2720, -3.5760



115.6240, -83.0680, -58.4600



31.5960, -22.8300, -15.7740

Inverse Universe

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



132.3150, 66.7020, 46.6860



129.4310, 90.4030, 63.1950



134.3770, 80.1860, 22.5700



104.7450, 5.2720, 3.5760



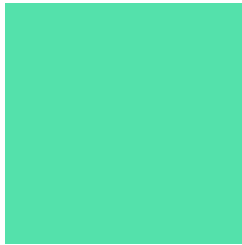
60.2620, 83.3890, 58.1490



16.5180, 22.5090, 16.0850

Previews

White Background



This preview shows how the YIQ color 176.6850, -66.7020, -46.6860 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 176.6850, -66.7020, -46.6860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

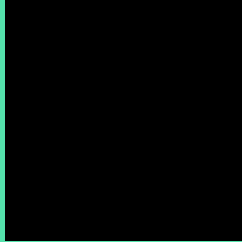
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

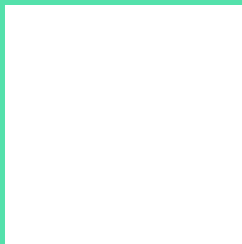
Any Text WCAG AAA ✓ Pass

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

YIQ 176.6850, -66.7020, -46.6860 Background



This preview shows how black text looks on a background with the YIQ color 176.6850, -66.7020, -46.6860.



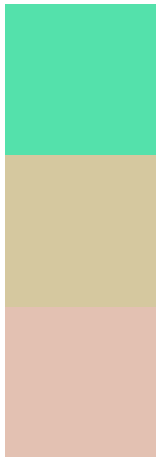
This preview shows how white text looks on a background with the YIQ color 176.6850, -66.7020, -46.6860.

-46.6860.

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

176.6850, -66.7020, -46.6860

Protanopia

199.2130, 20.9090, -9.9950

Deuteranopia

201.4560, 25.0790, 2.5430



Tritanopia

186.0480, -71.0170, -18.0330

Trichromacy



Original Color

176.6850, -66.7020, -46.6860



Protanomaly

190.8990, -10.8620, -23.4220



Deuteranomaly

192.6100, -8.2500, -15.6900



Tritanomaly

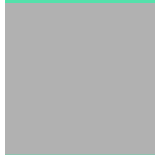
182.7950, -69.2270, -28.4510

Monochromacy



Original Color

176.6850, -66.7020, -46.6860



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.5850, -24.2970, -16.7210

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6850, -66.7020, -46.6860 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(84, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(84, 225, 171)  
}
```

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(84, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 225, 171) }
```

Border

The CSS property to change the border of an element to YIQ 176.6850, -66.7020, -46.6860 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(84, 225, 171) }
```


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

```
.border{ border-color:rgb(84, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(84, 225,  
171) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6850, -66.7020, -46.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 225, 171) }
```

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

```
.background{ background-color: rgb(84, 225,  
171) }
```

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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