

Converting Colors

YIQ(176.4590, -77.5690,
-42.4730)

Have a look what the booklet for
YIQ(176.4590, -77.5690, -42.4730)
contains.

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Color

**YIQ(176.4590, -77.5690,
-42.4730)**

Conversions

Conversions Part 1

Format	Color
Hex	4CE1BE
RGB	76, 225, 190
RGB Percent	30%, 88%, 75%
CMY	0.7023, 0.1174, 0.2552
CMYK	0.66, 0.00, 0.16, 0.12
HSL	166°, 71%, 59%
HSV	166°, 66%, 88%
XYZ	39.2014, 59.1314, 58.0216
YIQ	176.4590, -77.5690, -42.4730

Conversions

Conversions Part 2

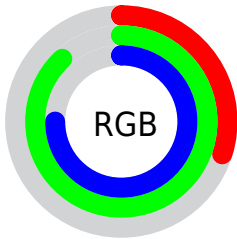
Format	Color
RYB	76, 160, 225
Decimal	5038526
CIELab	81.36, -47.49, 5.72
CIELCh	81, 47.831, 173.129
Yxy	59.1314, 0.2507, 0.3782
Android (android.graphics.Color)	4283228606 (0xFF4CE1BE)
YUV	176.4590, 6.6757, -88.1025
Hunter-Lab	76.8969, -43.5718, 9.0914

Details

The YIQ color **176.4590, -77.5690, -42.4730** 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 **124.5410, 77.5690, 42.4730**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.8880, -65.0550, -26.9670**, and **114.8210, -90.4520, -45.7800** is the 20% darker color. If you saturate the color by 10%, you get **169.0120, -89.6720, -48.9040**, and if you desaturate by 10%, it is **183.6070, -66.0620, -36.2540**.

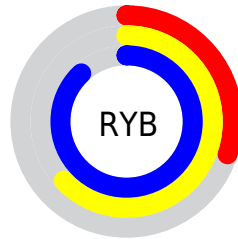
Distribution



Red (30%)

Green (88%)

Blue (75%)



Red (30%)

Yellow (63%)

Blue (88%)

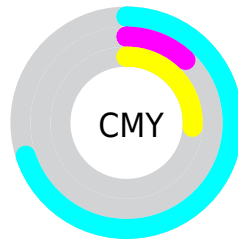


Cyan (66%)

Magenta (0%)

Yellow (16%)

Black (12%)



Cyan (70%)

Magenta (12%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.4590, -77.5690, -42.4730 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 176.4590, -77.5690, -42.4730 by changing the saturation by 10% instead.

■ 176.4590,
-77.5690, -42.4730

■ 176.4590,
-77.5690, -42.4730

■ 255.0000, -0.0000,
-0.0000

■ 144.0880,
-86.8300, -45.3420

■ 219.8880,
-65.0550, -26.9670

■ 114.8210,
-90.4520, -45.7800

■ 229.8840,
-50.0640, -17.8080

■ 96.0080, -74.6810,
-39.7450

■ 239.1530,
-31.5880, -11.2360

■ 77.4230, -59.5520,
-33.0880

■ 248.1230,
-13.7080, -4.8760

■ 60.1260, -45.2940,
-27.1660

■ 42.9430, -31.3570,
-20.9330

■ 28.2220, -18.8410,

-16.4810

■ 5.2830, -2.4750,
-4.7070

■ 0.0000, 0.0000,
0.0000

■ 176.4590,
-77.5690, -42.4730

■ 176.4590,
-77.5690, -42.4730

■ 169.0120,
-89.6720, -48.9040

■ 183.6070,
-66.0620, -36.2540

■ 161.7500,
-100.8580, -55.4340


■ 191.1680,
-54.2800, -29.5120


■ 154.3030,
-112.9610, -61.8650

■ 198.3160,
-42.7730, -23.2930


■ 151.6830,
-117.0870, -64.1830


■ 205.7630,
-30.6700, -16.8620

 212.9110,
-19.1630, -10.6430

 220.4720, -7.3810,
-3.9010

 227.6200, 4.1260,
2.3180

 234.7680, 15.6330,
8.5370

 235.4520, 13.7070,
10.4030

Harmonies

Analogous

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



188.6550, -22.4590, -39.0270



176.4590, -77.5690, -42.4730



158.9790, -137.6310, -44.2790

Triad

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



176.4590, -77.5690, -42.4730



200.0570, -21.3690, 18.3350



196.9530, 60.1080, 0.9720

Complementary

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



176.4590, -77.5690, -42.4730



124.5410, 77.5690, 42.4730

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.



194.1270, 51.5310, 18.7550



176.4590, -77.5690, -42.4730



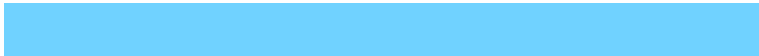
207.7080, 17.0030, 38.7870

Square

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



176.4590, -77.5690, -42.4730



185.8280, -72.8530, -6.7810



198.6700, 37.3610, 33.2730



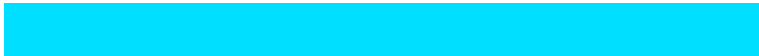
199.5800, 53.1880, -16.7960

Rectangle

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



176.4590, -77.5690, -42.4730



159.9710, -143.1800, -37.3240



198.6700, 37.3610, 33.2730



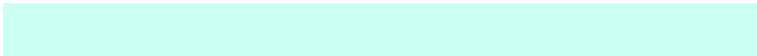
195.2720, 57.9520, 7.0080

Sweetspot

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



176.4590, -77.5690, -42.4730



238.3830, -26.5440, -14.5440



174.5260, -18.9230, -70.0830



117.8190, -15.9080, -9.0600



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.



176.4590, -77.5690, -42.4730



188.5320, -106.1760, -58.1760



158.7300, -78.6290, -12.2370



108.4830, -5.9140, -2.9540



118.7020, -91.7350, -50.0630



32.3940, -25.0770, -13.5970

Inverse Universe

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



124.5410, 77.5690, 42.4730



117.4680, 106.1760, 58.1760



142.2700, 78.6290, 12.2370



104.6310, 5.5930, 3.2650



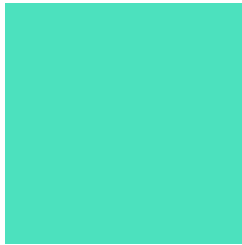
57.2980, 91.7350, 50.0630



15.6060, 25.0770, 13.5970

Previews

White Background



This preview shows how the YIQ color 176.4590, -77.5690, -42.4730 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 176.4590, -77.5690, -42.4730 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

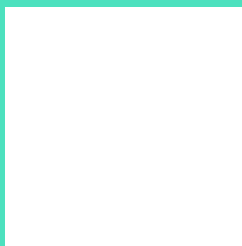
Any Text WCAG AAA ✓ Pass

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

YIQ 176.4590, -77.5690, -42.4730 Background



This preview shows how black text looks on a background with the YIQ color 176.4590, -77.5690, -42.4730.



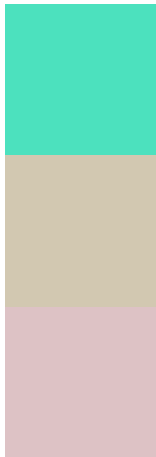
This preview shows how white text looks on a background with the YIQ color 176.4590, -77.5690, -42.4730.

-42.4730.

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

176.4590, -77.5690, -42.4730

Protanopia

200.3680, 13.3430, -5.0330

Deuteranopia

202.4150, 15.1290, 6.6570



Tritanopia

184.1610, -78.7650, -20.7890

Trichromacy



Original Color

176.4590, -77.5690, -42.4730



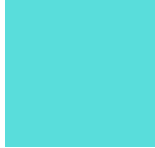
Protanomaly

191.5700, -19.9410, -18.5730



Deuteranomaly

192.6830, -18.5210, -11.2650



Tritanomaly

181.3040, -78.0300, -28.6060

Monochromacy



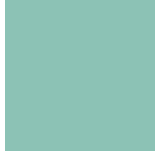
Original Color

176.4590, -77.5690, -42.4730



Achromatopsia

176.0000, -0.0000, -0.0000



Achromatomaly

176.3720, -28.0110, -15.4910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.4590, -77.5690, -42.4730 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, 225, 190)` looks like.

```
.text, #text, p{  
    color:rgb(76, 225, 190)  
}
```

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, 225, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 225, 190) }
```

Border

The CSS property to change the border of an element to YIQ 176.4590, -77.5690, -42.4730 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, 225, 190) }
```


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

```
.border{ border-color:rgb(76, 225, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 225, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 225, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 225, 190);  
box-shadow:4px 4px 4px 4px rgb(76, 225,  
190) }
```

Background

The CSS property to change the background color of an element to YIQ 176.4590, -77.5690, -42.4730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 225, 190) }
```

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

```
.background{ background-color: rgb(76, 225,  
190) }
```

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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