

Converting Colors

YIQ(165.2540, -57.3980,
-28.0700)

Have a look what the booklet for
YIQ(165.2540, -57.3980, -28.0700)
contains.

YIQ(165.2540, -57.3980, -28.0700)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(165.2540, -57.3980,
-28.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	5DC7B5
RGB	93, 199, 181
RGB Percent	36%, 78%, 71%
CMY	0.6355, 0.2194, 0.2904
CMYK	0.53, 0.00, 0.09, 0.22
HSL	170°, 49%, 57%
HSV	170°, 53%, 78%
XYZ	33.2760, 46.5249, 50.9131
YIQ	165.2540, -57.3980, -28.0700

Conversions

Conversions Part 2

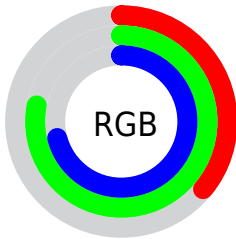
Format	Color
RYB	93, 151, 199
Decimal	6145973
CIELab	73.88, -35.04, -0.26
CIELCh	74, 35.037, 180.425
Yxy	46.5249, 0.2546, 0.3559
Android (android.graphics.Color)	4284336053 (0xFF5DC7B5)
YUV	165.2540, 7.7628, -63.3668
Hunter-Lab	68.2092, -32.2846, 3.4908

Details

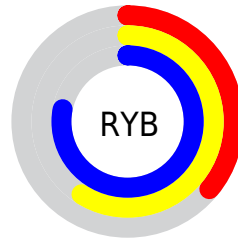
The YIQ color **165.2540, -57.3980, -28.0700** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **126.7460, 57.3980, 28.0700**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **221.8520, -56.2060, -27.6460**, and **106.2960, -66.3840, -30.4160** is the 20% darker color. If you saturate the color by 10%, you get **158.9320, -68.3550, -33.2430**, and if you desaturate by 10%, it is **171.5760, -46.4410, -22.8970**.

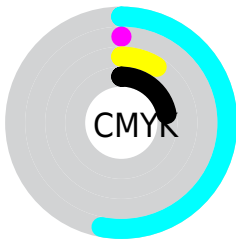
Distribution



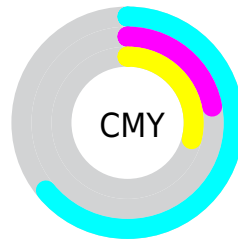
- Red (36%)
- Green (78%)
- Blue (71%)



- Red (36%)
- Yellow (59%)
- Blue (78%)



- Cyan (53%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (64%)
- Magenta (22%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.2540, -57.3980, -28.0700 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 165.2540, -57.3980, -28.0700 by changing the saturation by 10% instead.

■ 165.2540,
-57.3980, -28.0700

■ 165.2540,
-57.3980, -28.0700

■ 255.0000, -0.0000,
-0.0000

■ 136.4710,
-59.5070, -28.3950

■ 221.8520,
-56.2060, -27.6460

■ 106.8830,
-66.6590, -30.9390

■ 232.5750,
-44.7000, -15.9000

■ 81.0080, -65.5130,
-29.6810

■ 241.2460,
-27.4160, -9.7520

■ 63.5970, -50.9340,
-24.0700

■ 250.2160, -9.5360,
-3.3920

■ 46.8870, -36.9510,
-18.6710

■ 30.9920, -23.8850,
-13.1730

■ 14.5100, -10.5440,

-7.1520

■ 0.0000, 0.0000,
0.0000

■ 165.2540,
-57.3980, -28.0700

■ 165.2540,
-57.3980, -28.0700

■ 158.9320,
-68.3550, -33.2430

■ 171.5760,
-46.4410, -22.8970

■ 152.4960,
-78.9910, -38.7270

■ 178.0120,
-35.8050, -17.4130

■ 146.1740,
-89.9480, -43.9000

■ 184.3340,
-24.8480, -12.2400

■ 139.7380,
-100.5840, -49.3840

■ 190.7700,
-14.2120, -6.7560

■ 135.6230,
-107.6900, -52.7620

■ 196.7930, -3.8510,
-1.7950

■ 203.1150, 7.1060,
3.3780

■ 209.5510, 17.7420,
8.8620

■ 215.8730, 28.6990,
14.0350

■ 217.2260, 29.2030,
15.9150

Harmonies

Analogous

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



171.2070, -23.6530, -28.3970



165.2540, -57.3980, -28.0700



160.8400, -82.2950, -22.8950

Triad

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



165.2540, -57.3980, -28.0700



184.1830, -12.7960, 22.6600



182.4510, 49.8380, -0.1300

Complementary

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



165.2540, -57.3980, -28.0700



126.7460, 57.3980, 28.0700

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.



184.0900, 52.9530, 15.0090



165.2540, -57.3980, -28.0700



186.7540, 19.3890, 28.5810

Square

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



165.2540, -57.3980, -28.0700



177.2000, -46.9970, 9.2190



185.2650, 42.6350, 25.7950



179.6950, 33.9310, -14.7170

Rectangle

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



165.2540, -57.3980, -28.0700



163.7080, -81.5630, -14.1310



185.2650, 42.6350, 25.7950



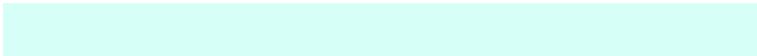
182.5810, 52.5880, 5.1000

Sweetspot

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



165.2540, -57.3980, -28.0700



241.9430, -22.1890, -10.8690



160.9030, -17.8260, -51.4100



119.9550, -13.2950, -6.8550



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.



165.2540, -57.3980, -28.0700



203.0710, -88.1600, -43.2640



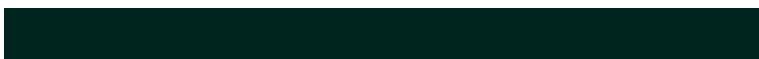
147.3480, -53.8260, -4.6900



96.1950, -5.0430, -2.2190



111.0710, -88.1600, -43.2640



24.5520, -19.5300, -9.4980

Inverse Universe

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



126.7460, 57.3980, 28.0700



143.9290, 88.1600, 43.2640



144.6520, 53.8260, 4.6900



92.8050, 5.0430, 2.2190



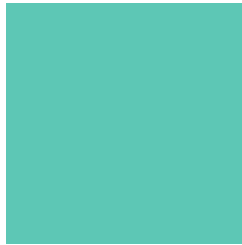
51.9290, 88.1600, 43.2640



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 165.2540, -57.3980, -28.0700 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 165.2540, -57.3980, -28.0700 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

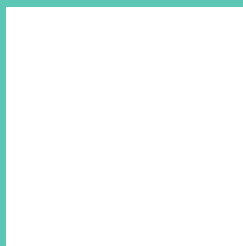
Any Text WCAG AAA ✓ Pass

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

YIQ 165.2540, -57.3980, -28.0700 Background



This preview shows how black text looks on a background with the YIQ color 165.2540, -57.3980, -28.0700.



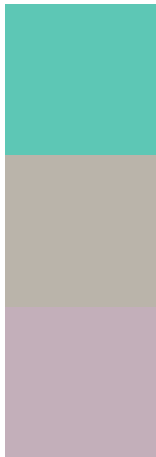
This preview shows how white text looks on a background with the YIQ color 165.2540, -57.3980, -28.0700.

-28.0700.

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

165.2540, -57.3980, -28.0700

Protanopia

180.6540, 6.7860, -1.8380

Deuteranopia

182.2340, 8.3890, 7.6610



Tritanopia

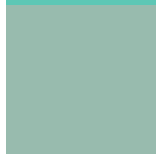
169.2020, -59.6470, -14.8390

Trichromacy



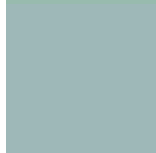
Original Color

165.2540, -57.3980, -28.0700



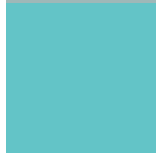
Protanomaly

175.0530, -16.6870, -11.4630



Deuteranomaly

176.2260, -15.4960, -5.5120



Tritanomaly

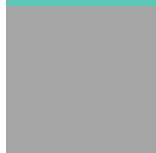
167.3390, -58.7750, -19.6310

Monochromacy



Original Color

165.2540, -57.3980, -28.0700



Achromatopsia

165.0000, -0.0000, -0.0000



Achromatomaly

164.9540, -20.7220, -9.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.2540, -57.3980, -28.0700 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(93, 199, 181)` looks like.

```
.text, #text, p{  
    color:rgb(93, 199, 181)  
}
```

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(93, 199, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 199, 181) }
```

Border

The CSS property to change the border of an element to YIQ 165.2540, -57.3980, -28.0700 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(93, 199, 181) }
```


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

```
.border{ border-color:rgb(93, 199, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 199, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 199, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 199, 181);  
box-shadow:4px 4px 4px 4px rgb(93, 199,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 165.2540, -57.3980, -28.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 199, 181) }
```

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

```
.background{ background-color: rgb(93, 199,  
181) }
```

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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