

Converting Colors

YIQ(158.5300, -84.3580,
-24.0540)

Have a look what the booklet for
YIQ(158.5300, -84.3580, -24.0540)
contains.

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Color

**YIQ(158.5300, -84.3580,
-24.0540)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC5D3
RGB	63, 197, 211
RGB Percent	25%, 77%, 83%
CMY	0.7532, 0.2272, 0.1729
CMYK	0.70, 0.07, 0.00, 0.17
HSL	186°, 63%, 54%
HSV	186°, 70%, 83%
XYZ	33.7707, 45.7110, 68.6133
YIQ	158.5300, -84.3580, -24.0540

Conversions

Conversions Part 2

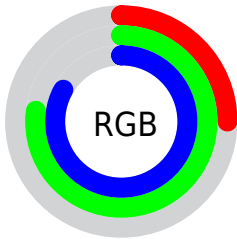
Format	Color
RYB	63, 133, 211
Decimal	4179411
CIELab	73.36, -31.03, -17.40
CIELCh	73, 35.573, 209.287
Yxy	45.7110, 0.2280, 0.3087
Android (android.graphics.Color)	4282369491 (0xFF3FC5D3)
YUV	158.5300, 25.8677, -83.7798
Hunter-Lab	67.6099, -29.1577, -12.8430

Details

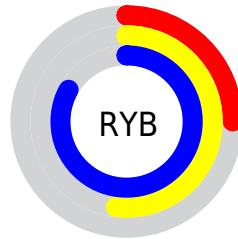
The YIQ color **158.5300, -84.3580, -24.0540** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **115.4700, 84.3580, 24.0540**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **217.0380, -74.2250, -25.9770**, and **101.7250, -89.4010, -26.2730** is the 20% darker color. If you saturate the color by 10%, you get **151.0770, -96.3240, -27.4600**, and if you desaturate by 10%, it is **165.9830, -72.3920, -20.6480**.

Distribution



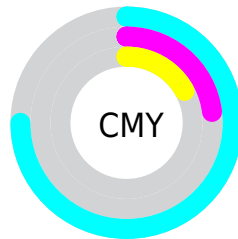
- Red (25%)
- Green (77%)
- Blue (83%)



- Red (25%)
- Yellow (52%)
- Blue (83%)



- Cyan (70%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (75%)
- Magenta (23%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 158.5300, -84.3580, -24.0540 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 158.5300, -84.3580, -24.0540 by changing the saturation by 10% instead.

■ 158.5300,
-84.3580, -24.0540

■ 158.5300,
-84.3580, -24.0540

■ 255.0000, -0.0000,
-0.0000

■ 120.9510,
-104.8970, -31.7850

■ 217.0380,
-74.2250, -25.9770

■ 101.7250,
-89.4010, -26.2730

■ 226.8940,
-56.0240, -19.9280

■ 83.4990, -73.9050,
-20.7610

■ 235.8640,
-38.1440, -13.5680

■ 65.9740, -59.0050,
-15.4610

■ 245.1330,
-19.6680, -6.9960

■ 49.1500, -44.7010,
-10.3730

■ 254.4020, -1.1920,
-0.4240

■ 33.0270, -30.9930,
-5.4970

■ 16.5450, -17.6520,

0.5240

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 158.5300,
-84.3580, -24.0540

■ 158.5300,
-84.3580, -24.0540

■ 151.0770,
-96.3240, -27.4600

■ 165.9830,
-72.3920, -20.6480

■ 143.6240,
-108.2900, -30.8660

■ 173.4360,
-60.4260, -17.2420

■ 136.1710,
-120.2560, -34.2720

■ 180.8890,
-48.4600, -13.8360

■ 188.3420,
-36.4940, -10.4300

■ 195.7950,
-24.5280, -7.0240

■ 203.2480,
-12.5620, -3.6180

■ 211.0000, 0.0000,
-0.0000

■ 218.4530, 11.9660,
3.4060

■ 225.9060, 23.9320,
6.8120

Harmonies

Analogous

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



163.7270, -57.3520, -28.9040



158.5300, -84.3580, -24.0540



164.6100, -78.1710, -9.5230

Triad

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



158.5300, -84.3580, -24.0540



184.9820, 18.7470, 29.2030



178.2930, 35.1230, -14.2930

Complementary

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



158.5300, -84.3580, -24.0540



115.4700, 84.3580, 24.0540

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.



180.7500, 50.4340, 0.0820



158.5300, -84.3580, -24.0540



183.7920, 42.5890, 26.6290

Square

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



158.5300, -84.3580, -24.0540



182.6990, -14.3090, 22.5470



182.5030, 53.2280, 15.5320



174.7950, 9.8620, -24.5540

Rectangle

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



158.5300, -84.3580, -24.0540



172.2690, -60.6130, 2.6750



182.5030, 53.2280, 15.5320



179.0490, 41.8620, -9.7700

Sweetspot

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



158.5300, -84.3580, -24.0540



235.9190, -30.8090, -8.8330



151.2440, -44.5520, -73.6720



116.6710, -18.2470, -5.2150



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.



158.5300, -84.3580, -24.0540



179.2740, -122.0440, -34.9080



116.2660, -64.5580, 13.6020



101.1240, -6.2810, -1.8090



108.9630, -96.0030, -27.7710



26.3930, -23.3360, -6.6000

Inverse Universe

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



122.5280, 45.1940, 73.0500



127.1020, 65.2700, 105.7020



157.7340, 64.5580, -13.6020



98.4290, 3.3460, 5.4420



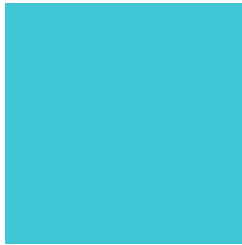
67.6740, 51.0150, 83.1990



16.4770, 12.5590, 20.1990

Previews

White Background



This preview shows how the YIQ color 158.5300, -84.3580, -24.0540 looks on a white background.

Color Contrast Check

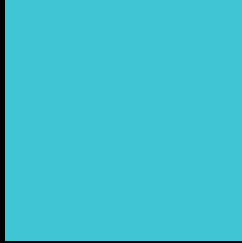
Large Text (above 18pt) WCAG AA × Fail

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 158.5300, -84.3580, -24.0540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

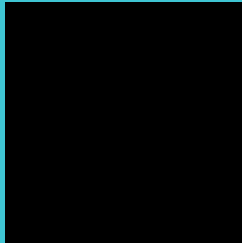
Any Text WCAG AA ✓ Pass

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 158.5300, -84.3580, -24.0540 Background



This preview shows how black text looks on a background with the YIQ color 158.5300, -84.3580, -24.0540.



This preview shows how white text looks on a background with the YIQ color 158.5300, -84.3580, -24.0540.

-24.0540.

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

158.5300, -84.3580, -24.0540

Protanopia

179.6820, -7.6120, 5.7960

Deuteranopia

180.5710, -11.3730, 13.3870



Tritanopia

159.0570, -84.4040, -23.2200

Trichromacy



Original Color

158.5300, -84.3580, -24.0540



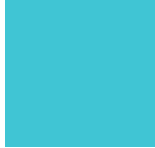
Protanomaly

172.1020, -35.5780, -5.0020



Deuteranomaly

172.4810, -37.9630, -0.3230



Tritanomaly

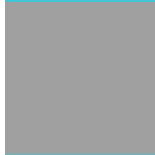
158.9430, -84.0830, -23.5310

Monochromacy



Original Color

158.5300, -84.3580, -24.0540



Achromatopsia

159.0000, -0.0000, 0.0000



Achromatomaly

158.9190, -30.8090, -8.8330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 158.5300, -84.3580, -24.0540 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(63, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(63, 197, 211)  
}
```

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(63, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 197, 211) }
```

Border

The CSS property to change the border of an element to YIQ 158.5300, -84.3580, -24.0540 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(63, 197, 211) }
```


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

```
.border{ border-color:rgb(63, 197, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 197, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(63, 197,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 158.5300, -84.3580, -24.0540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 197, 211) }
```

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

```
.background{ background-color: rgb(63, 197,  
211) }
```

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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