

Converting Colors

YIQ(165.4740, -28.0580,
-9.1300)

Have a look what the booklet for
YIQ(165.4740, -28.0580, -9.1300)
contains.

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Color

**YIQ(165.4740, -28.0580,
-9.1300)**

Conversions

Conversions Part 1

Format	Color
Hex	85B3B5
RGB	133, 179, 181
RGB Percent	52%, 70%, 71%
CMY	0.4785, 0.2979, 0.2903
CMYK	0.27, 0.01, 0.00, 0.29
HSL	182°, 24%, 62%
HSV	182°, 27%, 71%
XYZ	34.1300, 40.5673, 49.7320
YIQ	165.4740, -28.0580, -9.1300

Conversions

Conversions Part 2

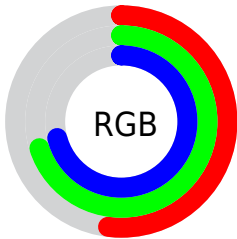
Format	Color
RYB	133, 156, 181
Decimal	8762293
CIELab	69.87, -14.75, -5.97
CIElCh	70, 15.911, 202.036
Yxy	40.5673, 0.2743, 0.3260
Android (android.graphics.Color)	4286952373 (0xFF85B3B5)
YUV	165.4740, 7.6543, -28.4797
Hunter-Lab	63.6924, -15.8113, -1.7098

Details

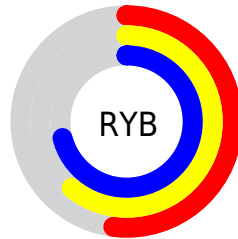
The YIQ color **165.4740, -28.0580, -9.1300** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **148.5260, 28.0580, 9.1300**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.8760, -29.2500, -9.5540**, and **112.7730, -27.4620, -8.9180** is the 20% darker color. If you saturate the color by 10%, you get **159.5050, -38.5110, -12.4230**, and if you desaturate by 10%, it is **171.4430, -17.6050, -5.8370**.

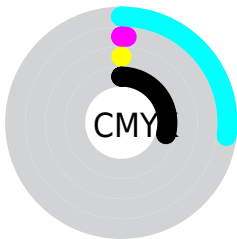
Distribution



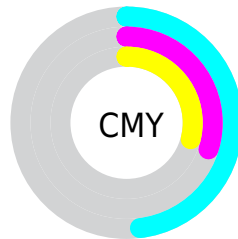
- Red (52%)
- Green (70%)
- Blue (71%)



- Red (52%)
- Yellow (61%)
- Blue (71%)



- Cyan (27%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (48%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.4740, -28.0580, -9.1300 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 165.4740, -28.0580, -9.1300 by changing the saturation by 10% instead.

■ 165.4740,
-28.0580, -9.1300

■ 165.4740,
-28.0580, -9.1300

■ 255.0000, -0.0000,
-0.0000

■ 138.7730,
-27.4620, -8.9180

■ 220.8760,
-29.2500, -9.5540

■ 112.7730,
-27.4620, -8.9180

■ 243.0400,
-23.8400, -8.4800

■ 88.0720, -26.8660,
-8.7060

■ 251.7110, -6.5560,
-2.3320

■ 63.7730, -27.4620,
-8.9180

■ 38.9790, -31.0380,
-10.1900

■ 23.3610, -20.3100,
-6.3740

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 165.4740,
-28.0580, -9.1300

■ 165.4740,
-28.0580, -9.1300

■ 159.5050,
-38.5110, -12.4230

■ 171.4430,
-17.6050, -5.8370

■ 154.1230,
-49.2390, -16.2390

■ 176.8250, -6.8770,
-2.0210

■ 148.1540,
-59.6920, -19.5320

■ 182.7940, 3.5760,
1.2720

■ 142.1850,
-70.1450, -22.8250

■ 188.7630, 14.0290,
4.5650

■ 135.9170,
-81.1940, -26.3300

■ 194.7320, 24.4820,
7.8580

■ 130.5350,
-91.9220, -30.1460

■ 200.4130, 35.8060,
11.8860

■ 124.5660,
-102.3750, -33.4390

■ 204.8870, 43.2790,
14.1190

■ 122.7720,
-105.9510, -34.7110

■ 205.4740, 43.0040,
13.5960

■ 206.0610, 42.7290,
13.0730

Harmonies

Analogous

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



165.8570, -19.0710, -12.3110



165.4740, -28.0580, -9.1300



166.8640, -28.9760, -3.5040

Triad

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



165.4740, -28.0580, -9.1300



173.4280, 5.0870, 12.4390



170.4180, 19.0740, -4.2700

Complementary

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



165.4740, -28.0580, -9.1300



148.5260, 28.0580, 9.1300

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.



172.1570, 24.4830, 2.3310



165.4740, -28.0580, -9.1300



173.6590, 17.5580, 12.1980

Square

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



165.4740, -28.0580, -9.1300



171.6050, -8.7130, 9.2310



172.9600, 23.8400, 8.4800



169.0960, 8.1170, -9.4430

Rectangle

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



165.4740, -28.0580, -9.1300



168.6520, -25.2630, 0.7930



172.9600, 23.8400, 8.4800



171.2550, 21.0910, -2.2770

Sweetspot

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



165.4740, -28.0580, -9.1300



228.7320, -11.0490, -3.5050



161.4040, -13.8420, -24.4820



113.7110, -6.5560, -2.3320



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.4740, -28.0580, -9.1300



210.8140, -43.8750, -14.3310



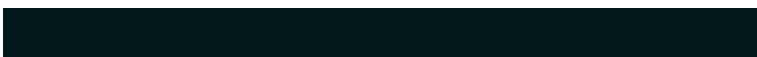
151.3860, -21.4580, 3.4220



86.3090, -5.3640, -1.9080



103.7310, -89.5380, -29.2980



17.0520, -14.9460, -4.4660

Inverse Universe

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



152.5960, 13.8420, 24.4820



190.6330, 21.5880, 38.2920



162.6140, 21.4580, -3.4220



83.7170, 2.4750, 4.7070



62.5050, 44.0010, 78.1530



10.5100, 7.7920, 12.9760

Previews

White Background



This preview shows how the YIQ color 165.4740, -28.0580, -9.1300 looks on a white background.

Color Contrast Check

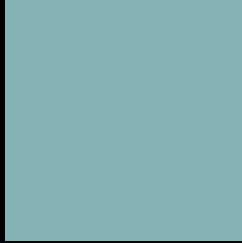
Large Text (above 18pt) WCAG AA × Fail

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 165.4740, -28.0580, -9.1300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

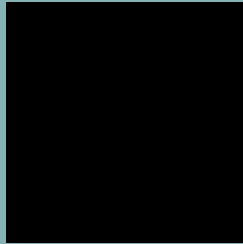
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.4740, -28.0580, -9.1300

Background



This preview shows how black text looks on a background with the YIQ color 165.4740, -28.0580, -9.1300.



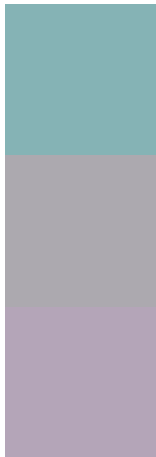
This preview shows how white text looks on a background with the YIQ color 165.4740, -28.0580, -9.1300.

-9.1300.

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

165.4740, -28.0580, -9.1300

Protanopia

170.5810, -0.1380, 2.5020

Deuteranopia

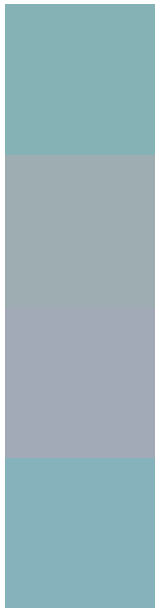
171.6510, 2.8410, 9.0890



Tritanopia

166.1520, -29.8470, -4.2390

Trichromacy



Original Color

165.4740, -28.0580, -9.1300

Protanomaly

168.9710, -10.2240, -1.9360

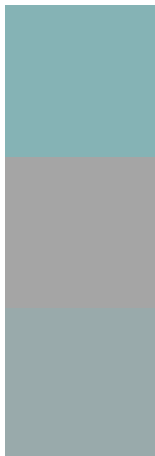
Deuteranomaly

169.3890, -8.3450, 2.5590

Tritanomaly

165.9840, -29.4340, -6.2180

Monochromacy



Original Color

165.4740, -28.0580, -9.1300

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0310, -10.4530, -3.2930

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.4740, -28.0580, -9.1300 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(133, 179, 181)` looks like.

```
.text, #text, p{  
    color:rgb(133, 179, 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(133, 179, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 179, 181) }
```

Border

The CSS property to change the border of an element to YIQ 165.4740, -28.0580, -9.1300 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(133, 179, 181) }
```


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

```
.border{ border-color:rgb(133, 179, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 179, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 179, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 179, 181);  
box-shadow:4px 4px 4px 4px rgb(133, 179,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 165.4740, -28.0580, -9.1300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 179, 181) }
```

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

```
.background{ background-color: rgb(133,  
179, 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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