

Converting Colors

YIQ(191.7340, -50.0620,
-28.8620)

Have a look what the booklet for
YIQ(191.7340, -50.0620, -28.8620)
contains.

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Color

**YIQ(191.7340, -50.0620,
-28.8620)**

Conversions

Conversions Part 1

Format	Color
Hex	7EE0C6
RGB	126, 224, 198
RGB Percent	49%, 88%, 78%
CMY	0.5061, 0.1214, 0.2237
CMYK	0.44, 0.00, 0.12, 0.12
HSL	164°, 61%, 69%
HSV	164°, 44%, 88%
XYZ	45.4493, 61.8393, 62.9393
YIQ	191.7340, -50.0620, -28.8620

Conversions

Conversions Part 2

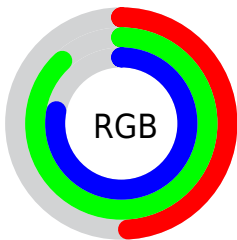
Format	Color
RYB	126, 182, 224
Decimal	8315078
CIELab	82.83, -34.99, 3.79
CIELCh	83, 35.196, 173.819
Yxy	61.8393, 0.2670, 0.3633
Android (android.graphics.Color)	4286505158 (0xFF7EE0C6)
YUV	191.7340, 3.0891, -57.6487
Hunter-Lab	78.6380, -34.4513, 7.5928

Details

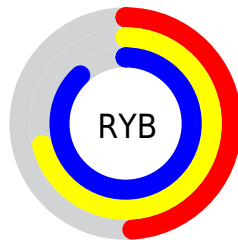
The YIQ color **191.7340, -50.0620, -28.8620** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **158.2660, 50.0620, 28.8620**, and the grayscale version is **192.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **233.4720, -42.9120, -15.2640**, and **135.6630, -51.3000, -28.4520** is the 20% darker color. If you saturate the color by 10%, you get **184.4720, -61.2480, -35.3920**, and if you desaturate by 10%, it is **198.9960, -38.8760, -22.3320**.

Distribution



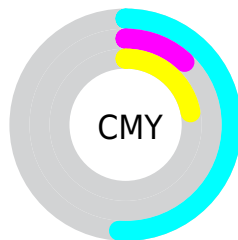
- Red (49%)
- Green (88%)
- Blue (78%)



- Red (49%)
- Yellow (71%)
- Blue (88%)



- Cyan (44%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (51%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 191.7340, -50.0620, -28.8620 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 191.7340, -50.0620, -28.8620 by changing the saturation by 10% instead.

■ 191.7340,
-50.0620, -28.8620

■ 191.7340,
-50.0620, -28.8620

■ 255.0000, -0.0000,
-0.0000

■ 163.8480,
-50.3830, -28.5510

■ 233.4720,
-42.9120, -15.2640

■ 135.6630,
-51.3000, -28.4520

■ 242.1430,
-25.6280, -9.1160

■ 107.0970,
-55.5180, -29.1020

■ 251.1130, -7.7480,
-2.7560

■ 78.2210, -61.7990,
-30.9110

■ 60.8100, -47.2200,
-25.3000

■ 44.2140, -33.5580,
-19.5900

■ 28.3190, -20.4920,

-14.0920

■ 10.6800, -5.2710,
-9.1030

■ 0.0000, 0.0000,
0.0000

■ 191.7340,
-50.0620, -28.8620

■ 191.7340,
-50.0620, -28.8620

■ 184.4720,
-61.2480, -35.3920

■ 198.9960,
-38.8760, -22.3320

■ 176.9110,
-73.0300, -42.1340

■ 206.5570,
-27.0940, -15.5900

■ 169.6490,
-84.2160, -48.6640

■ 213.8190,
-15.9080, -9.0600

■ 162.0880,
-95.9980, -55.4060

■ 221.3800, -4.1260,
-2.3180

■ 154.8260,
-107.1840, -61.9360

■ 228.6420, 7.0600,
4.2120

■ 150.1840,
-114.2440, -66.1480

■ 234.4090, 15.2660,
9.6820

■ 235.0930, 13.3400,
11.5480

■ 235.7770, 11.4140,
13.4140

■ 236.4610, 9.4880,
15.2800

Harmonies

Analogous

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



197.1000, -16.0420, -28.6660



191.7340, -50.0620, -28.8620



187.8360, -76.4720, -23.8000

Triad

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



191.7340, -50.0620, -28.8620



206.5690, -17.0590, 17.3170



205.9180, 50.0210, 2.0610

Complementary

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



191.7340, -50.0620, -28.8620



158.2660, 50.0620, 28.8620

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.



204.3000, 43.5540, 14.6420



191.7340, -50.0620, -28.8620



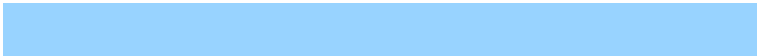
211.3450, 13.2910, 28.9630

Square

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



191.7340, -50.0620, -28.8620



198.3750, -49.2880, 1.1760



207.4750, 33.2360, 25.4280



205.2120, 39.8450, -11.7630

Rectangle

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



191.7340, -50.0620, -28.8620



189.4260, -80.8290, -16.4210



207.4750, 33.2360, 25.4280



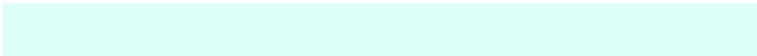
205.0690, 48.2780, 6.1180

Sweetspot

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



191.7340, -50.0620, -28.8620



244.1070, -16.7790, -9.7950



191.3000, -11.4540, -45.7420



121.0370, -10.5900, -6.3180



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.



191.7340, -50.0620, -28.8620



210.5310, -68.9040, -39.8160



181.1970, -52.0830, -8.7470



108.3690, -5.5930, -3.2650



118.0180, -89.8090, -51.9290



32.2800, -24.7560, -13.9080

Inverse Universe

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



158.2660, 50.0620, 28.8620



164.4690, 68.9040, 39.8160



168.8030, 52.0830, 8.7470



104.6310, 5.5930, 3.2650



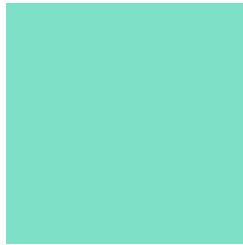
57.9820, 89.8090, 51.9290



15.8340, 24.4350, 14.2190

Previews

White Background



This preview shows how the YIQ color 191.7340, -50.0620, -28.8620 looks on a white background.

Color Contrast Check

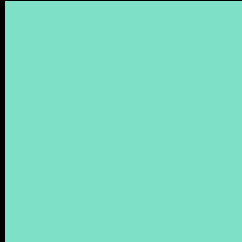
Large Text (above 18pt) WCAG AA × Fail

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 191.7340, -50.0620, -28.8620 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

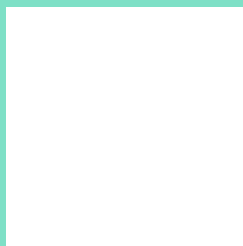
Any Text WCAG AAA ✓ Pass

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

YIQ 191.7340, -50.0620, -28.8620 Background



This preview shows how black text looks on a background with the YIQ color 191.7340, -50.0620, -28.8620.



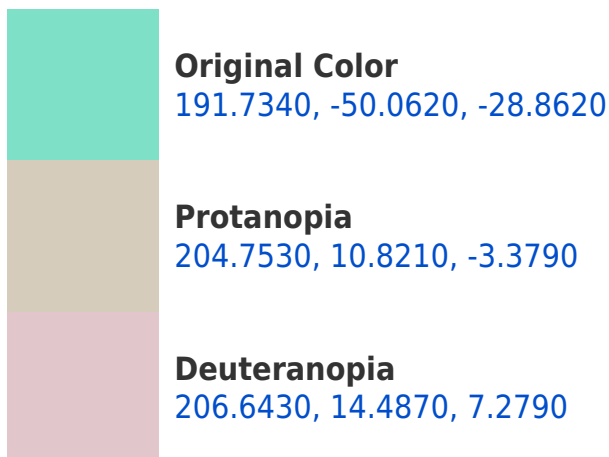
This preview shows how white text looks on a background with the YIQ color 191.7340, -50.0620, -28.8620.

-28.8620.

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





Tritanopia

196.1210, -54.9250, -12.3090

Trichromacy



Original Color

191.7340, -50.0620, -28.8620



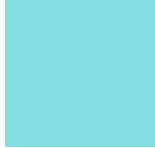
Protanomaly

199.7500, -11.4600, -12.5800



Deuteranomaly

200.9340, -8.8020, -5.6820



Tritanomaly

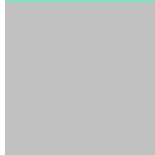
194.5030, -53.3650, -18.5570

Monochromacy



Original Color

191.7340, -50.0620, -28.8620



Achromatopsia

192.0000, -0.0000, 0.0000



Achromatomaly

192.0960, -18.2460, -10.7420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.7340, -50.0620, -28.8620 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(126, 224, 198)` looks like.

```
.text, #text, p{  
    color:rgb(126, 224, 198)  
}
```

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(126, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 224, 198) }
```

Border

The CSS property to change the border of an element to YIQ 191.7340, -50.0620, -28.8620 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(126, 224, 198) }
```


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

```
.border{ border-color:rgb(126, 224, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 224, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 224, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 224, 198); box-shadow:4px 4px 4px 4px rgb(126, 224, 198) }
```

Background

The CSS property to change the background color of an element to YIQ 191.7340, -50.0620, -28.8620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 224, 198) }
```

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

```
.background{ background-color: rgb(126,  
224, 198) }
```

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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