

Converting Colors

YIQ(192.5650, -57.0760,
-33.9080)

Have a look what the booklet for
YIQ(192.5650, -57.0760, -33.9080)
contains.

YIQ(192.5650, -57.0760, -33.9080)	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(192.5650, -57.0760,
-33.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	75E6C6
RGB	117, 230, 198
RGB Percent	46%, 90%, 78%
CMY	0.5415, 0.0978, 0.2237
CMYK	0.49, 0.00, 0.14, 0.10
HSL	163°, 69%, 68%
HSV	163°, 49%, 90%
XYZ	45.8233, 64.4717, 63.4241
YIQ	192.5650, -57.0760, -33.9080

Conversions

Conversions Part 2

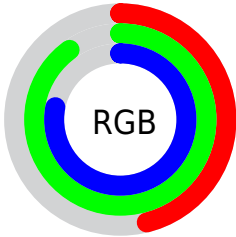
Format	Color
RYB	117, 183, 230
Decimal	7726790
CIELab	84.21, -39.88, 5.75
CIELCh	84, 40.295, 171.800
Yxy	64.4717, 0.2638, 0.3711
Android (android.graphics.Color)	4285916870 (0xFF75E6C6)
YUV	192.5650, 2.6795, -66.2705
Hunter-Lab	80.2943, -38.6463, 9.3730

Details

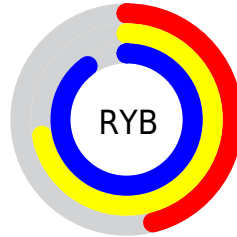
The YIQ color **192.5650, -57.0760, -33.9080** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **154.4350, 57.0760, 33.9080**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.0800, -47.6800, -16.9600**, and **135.2980, -60.6980, -34.3460** is the 20% darker color. If you saturate the color by 10%, you get **184.8900, -68.5370, -40.9610**, and if you desaturate by 10%, it is **200.1260, -45.2940, -27.1660**.

Distribution



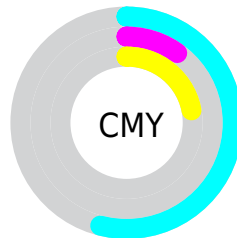
- Red (46%)
- Green (90%)
- Blue (78%)



- Red (46%)
- Yellow (72%)
- Blue (90%)



- Cyan (49%)
- Magenta (0%)
- Yellow (14%)
- Black (10%)



- Cyan (54%)
- Magenta (10%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 192.5650, -57.0760, -33.9080 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 192.5650, -57.0760, -33.9080 by changing the saturation by 10% instead.

■ 192.5650,
-57.0760, -33.9080

■ 192.5650,
-57.0760, -33.9080

■ 255.0000, -0.0000,
-0.0000

■ 164.0810,
-58.5890, -34.0210

■ 231.0800,
-47.6800, -16.9600

■ 134.9990,
-61.2940, -34.5580

■ 240.0500,
-29.8000, -10.6000

■ 101.9480,
-74.4520, -38.3880

■ 248.7210,
-12.5160, -4.4520

■ 81.7430, -63.4490,
-34.0490

■ 63.7450, -48.5950,
-27.9150

■ 46.5620, -34.6580,
-21.6820

■ 30.6670, -21.5920,

-16.1840

■ 13.6150, -6.6460,
-11.7180

■ 0.0000, 0.0000,
0.0000

■ 192.5650,
-57.0760, -33.9080

■ 192.5650,
-57.0760, -33.9080

■ 184.8900,
-68.5370, -40.9610

■ 200.1260,
-45.2940, -27.1660

■ 177.3290,
-80.3190, -47.7030

■ 207.8010,
-33.8330, -20.1130

■ 169.6540,
-91.7800, -54.7560

■ 215.4760,
-22.3720, -13.0600

■ 162.0930,
-103.5620, -61.4980

■ 223.0370,
-10.5900, -6.3180

■ 154.4180,
-115.0230, -68.5510

■ 230.7120, 0.8710,
0.7350

■ 153.8200,
-116.2150, -68.9750

■ 238.2730, 12.6530,
7.4770

■ 239.0710, 10.4060,
9.6540

■ 239.7550, 8.4800,
11.5200

■ 240.3250, 6.8750,
13.0750

Harmonies

Analogous

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



199.5790, -16.1330, -32.5250



192.5650, -57.0760, -33.9080



184.7520, -94.0310, -30.4710

Triad

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



192.5650, -57.0760, -33.9080



208.6180, -18.7550, 15.0130



205.6900, 50.6630, 1.4390

Complementary

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



192.5650, -57.0760, -33.9080



154.4350, 57.0760, 33.9080

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.



204.0550, 42.8660, 16.0980



192.5650, -57.0760, -33.9080



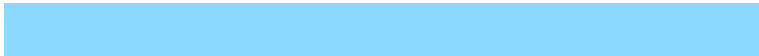
215.3390, 13.4280, 31.9880

Square

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



192.5650, -57.0760, -33.9080



198.3090, -58.0900, -4.5060



208.3870, 30.6680, 27.9160



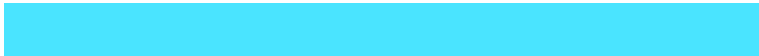
208.3930, 46.5850, -12.7670

Rectangle

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



192.5650, -57.0760, -33.9080



185.0320, -100.4510, -24.2510



208.3870, 30.6680, 27.9160



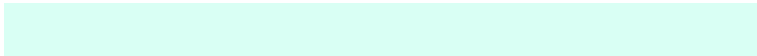
204.9550, 48.5990, 5.8070

Sweetspot

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



192.5650, -57.0760, -33.9080



242.3840, -19.1170, -11.4770



193.4970, -10.8110, -51.8910



120.3250, -11.4610, -7.0530



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.



192.5650, -57.0760, -33.9080



205.2480, -75.5970, -45.1730



182.7120, -61.0230, -11.9270



110.9560, -5.8680, -3.7880



119.6650, -90.3130, -53.8090



34.1550, -25.9020, -15.1660

Inverse Universe

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



154.4350, 57.0760, 33.9080



154.6380, 75.9180, 44.8620



164.2880, 61.0230, 11.9270



107.0440, 5.8680, 3.7880



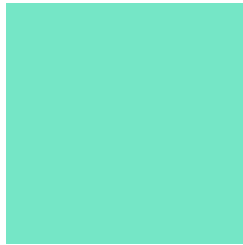
59.3350, 90.3130, 53.8090



16.8450, 25.9020, 15.1660

Previews

White Background



This preview shows how the YIQ color 192.5650, -57.0760, -33.9080 looks on a white background.

Color Contrast Check

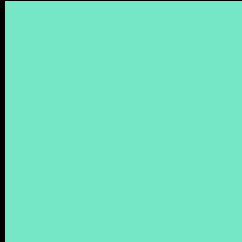
Large Text (above 18pt) WCAG AA × Fail

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 192.5650, -57.0760, -33.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

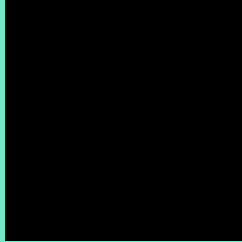
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

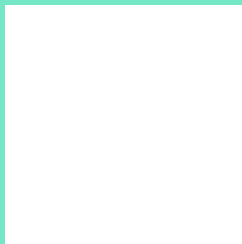
Any Text WCAG AAA ✓ Pass

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

YIQ 192.5650, -57.0760, -33.9080 Background



This preview shows how black text looks on a background with the YIQ color 192.5650, -57.0760, -33.9080.



This preview shows how white text looks on a background with the YIQ color 192.5650, -57.0760, -33.9080.

-33.9080.

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

192.5650, -57.0760, -33.9080

Protanopia

208.4820, 13.0220, -4.7220

Deuteranopia

210.8990, 16.6420, 6.7700



Tritanopia

197.9460, -61.8020, -14.3300

Trichromacy



Original Color

192.5650, -57.0760, -33.9080



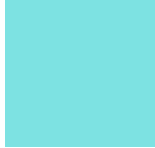
Protanomaly

202.5710, -12.5140, -15.5060



Deuteranomaly

204.2820, -9.9020, -7.7740



Tritanomaly

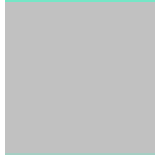
195.8010, -60.1960, -21.4120

Monochromacy



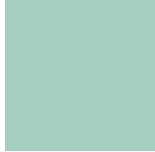
Original Color

192.5650, -57.0760, -33.9080



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.4870, -20.9050, -12.1130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 192.5650, -57.0760, -33.9080 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(117, 230, 198)` looks like.

```
.text, #text, p{  
    color:rgb(117, 230, 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(117, 230, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 230, 198) }
```

Border

The CSS property to change the border of an element to YIQ 192.5650, -57.0760, -33.9080 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(117, 230, 198) }
```


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

```
.border{ border-color:rgb(117, 230, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 230, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 230, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 230, 198);  
box-shadow:4px 4px 4px 4px rgb(117, 230,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 192.5650, -57.0760, -33.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 230, 198) }
```

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

```
.background{ background-color: rgb(117,  
230, 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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