

Converting Colors

YIQ(193.9910, -57.6750,
-17.5390)

Have a look what the booklet for
YIQ(193.9910, -57.6750, -17.5390)
contains.

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Color

**YIQ(193.9910, -57.6750,
-17.5390)**

Conversions

Conversions Part 1

Format	Color
Hex	80DDE4
RGB	128, 221, 228
RGB Percent	50%, 87%, 89%
CMY	0.4982, 0.1332, 0.1061
CMYK	0.44, 0.03, 0.00, 0.11
HSL	184°, 65%, 70%
HSV	184°, 44%, 89%
XYZ	48.7558, 61.9166, 82.7367
YIQ	193.9910, -57.6750, -17.5390

Conversions

Conversions Part 2

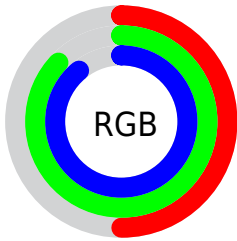
Format	Color
RYB	128, 176, 228
Decimal	8445412
CIELab	82.87, -25.91, -12.04
CIELCh	83, 28.570, 204.928
Yxy	61.9166, 0.2521, 0.3201
Android (android.graphics.Color)	4286635492 (0xFF80DDE4)
YUV	193.9910, 16.7664, -57.8741
Hunter-Lab	78.6871, -27.1008, -7.2604

Details

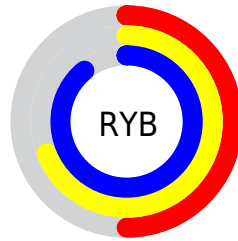
The YIQ color **193.9910, -57.6750, -17.5390** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **162.0090, 57.6750, 17.5390**, and the grayscale version is **194.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **234.3690, -41.1240, -14.6280**, and **137.7950, -60.0590, -18.3870** is the 20% darker color. If you saturate the color by 10%, you get **185.9400, -70.8330, -21.3690**, and if you desaturate by 10%, it is **202.0420, -44.5170, -13.7090**.

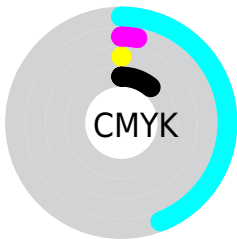
Distribution



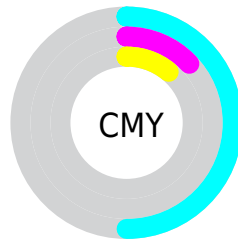
- Red (50%)
- Green (87%)
- Blue (89%)



- Red (50%)
- Yellow (69%)
- Blue (89%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (50%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.9910, -57.6750, -17.5390 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 193.9910, -57.6750, -17.5390 by changing the saturation by 10% instead.

■ 193.9910,
-57.6750, -17.5390

■ 193.9910,
-57.6750, -17.5390

■ 255.0000, -0.0000,
-0.0000

■ 165.6920,
-58.2710, -17.7510

■ 234.3690,
-41.1240, -14.6280

■ 137.7950,
-60.0590, -18.3870

■ 243.0400,
-23.8400, -8.4800

■ 108.7020,
-64.2310, -19.8710

■ 252.0100, -5.9600,
-2.1200

■ 80.0110, -69.5950,
-21.7790

■ 63.1870, -55.2910,
-16.6910

■ 46.3630, -40.9870,
-11.6030

■ 30.2400, -27.2790,

-6.7270

■ 14.4590, -14.5340,
-0.9180

■ 0.0000, 0.0000,
0.0000

■ 193.9910,
-57.6750, -17.5390

■ 193.9910,
-57.6750, -17.5390

■ 185.9400,
-70.8330, -21.3690

■ 202.0420,
-44.5170, -13.7090

■ 178.4760,
-84.2660, -25.7220

■ 209.5060,
-31.0840, -9.3560

■ 170.7240,
-96.8280, -29.3400

■ 217.2580,
-18.5220, -5.7380

■ 163.2600,
-110.2610, -33.6930

■ 224.7220, -5.0890,
-1.3850

■ 155.2090,
-123.4190, -37.5230

■ 232.7730, 8.0690,
2.4450

■ 150.4360,
-131.4880, -39.9680

■ 237.2470, 15.5420,
4.6780

■ 238.4210, 14.9920,
3.6320

■ 239.5950, 14.4420,
2.5860

■ 240.1820, 14.1670,
2.0630

Harmonies

Analogous

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



195.3980, -40.0680, -22.7560



193.9910, -57.6750, -17.5390



196.7280, -57.9520, -7.0080

Triad

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



193.9910, -57.6750, -17.5390



210.6990, 12.0540, 23.8460



205.3730, 32.1420, -9.8260

Complementary

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



193.9910, -57.6750, -17.5390



162.0090, 57.6750, 17.5390

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.



207.5090, 43.9230, 2.4430



193.9910, -57.6750, -17.5390



210.1820, 32.5030, 22.1910

Square

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



193.9910, -57.6750, -17.5390



208.3520, -14.9500, 17.6420



207.6910, 40.8950, 13.2710



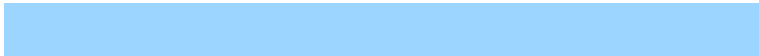
202.7400, 11.6950, -19.2250

Rectangle

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



193.9910, -57.6750, -17.5390



200.7450, -47.4540, 0.9780



207.6910, 40.8950, 13.2710



206.2320, 37.0930, -5.9390

Sweetspot

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



193.9910, -57.6750, -17.5390



243.9590, -19.1180, -5.9500



187.4980, -29.7470, -50.1230



120.5470, -11.9660, -3.4060



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.



193.9910, -57.6750, -17.5390



209.3520, -77.9850, -23.9130



164.6410, -43.9250, 8.6110



110.8250, -6.8770, -2.0210



117.8480, -103.1090, -31.1490



33.4030, -29.2960, -8.7200

Inverse Universe

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



168.5020, 29.7470, 50.1230



174.7290, 40.0140, 67.8060



191.3590, 43.9250, -8.6110



107.8420, 3.6210, 5.9650



72.4450, 53.3980, 89.5740



20.6070, 15.3090, 25.4290

Previews

White Background



This preview shows how the YIQ color 193.9910, -57.6750, -17.5390 looks on a white background.

Color Contrast Check

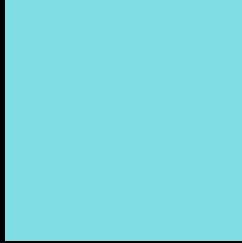
Large Text (above 18pt) WCAG AA × Fail

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 193.9910, -57.6750, -17.5390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

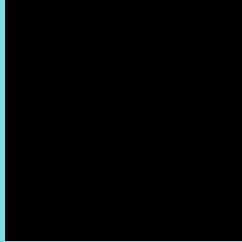
Any Text WCAG AA ✓ Pass

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 193.9910, -57.6750, -17.5390 Background



This preview shows how black text looks on a background with the YIQ color 193.9910, -57.6750, -17.5390.



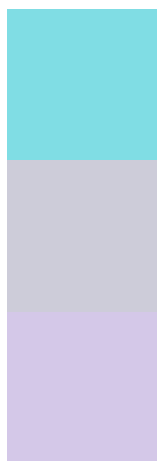
This preview shows how white text looks on a background with the YIQ color 193.9910, -57.6750, -17.5390.

-17.5390.

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

193.9910, -57.6750, -17.5390

Protanopia

205.7810, -3.5770, 4.2550

Deuteranopia

207.2360, -3.1200, 12.4960



Tritanopia

195.3270, -58.5010, -13.5810

Trichromacy



Original Color

193.9910, -57.6750, -17.5390

Protanomaly

201.3870, -23.1990, -3.5750

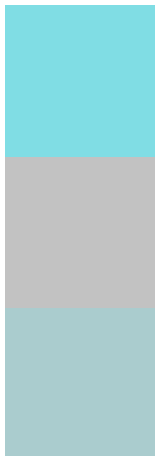
Deuteranomaly

202.5490, -23.4750, 1.4290

Tritanomaly

194.6860, -58.1340, -14.7260

Monochromacy



Original Color

193.9910, -57.6750, -17.5390

Achromatopsia

194.0000, -0.0000, 0.0000

Achromatomaly

194.0620, -20.9060, -6.5860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.9910, -57.6750, -17.5390 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(128, 221, 228)` looks like.

```
.text, #text, p{  
    color:rgb(128, 221, 228)  
}
```

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(128, 221, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 221, 228) }
```

Border

The CSS property to change the border of an element to YIQ 193.9910, -57.6750, -17.5390 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(128, 221, 228) }
```


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

```
.border{ border-color:rgb(128, 221, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 221, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(128, 221, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(128, 221, 228); box-shadow:4px 4px 4px 4px rgb(128, 221, 228) }
```

Background

The CSS property to change the background color of an element to YIQ 193.9910, -57.6750, -17.5390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 221, 228) }
```

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

```
.background{ background-color: rgb(128,  
221, 228) }
```

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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