

Converting Colors

YIQ(193.4110, -59.2780,
-27.0380)

Have a look what the booklet for
YIQ(193.4110, -59.2780, -27.0380)
contains.

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Color

**YIQ(193.4110, -59.2780,
-27.0380)**

Conversions

Conversions Part 1

Format	Color
Hex	78E3D5
RGB	120, 227, 213
RGB Percent	47%, 89%, 84%
CMY	0.5297, 0.1096, 0.1649
CMYK	0.47, 0.00, 0.06, 0.11
HSL	172°, 66%, 68%
HSV	172°, 47%, 89%
XYZ	47.2208, 63.7522, 72.7293
YIQ	193.4110, -59.2780, -27.0380

Conversions

Conversions Part 2

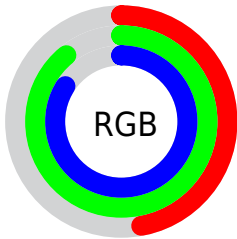
Format	Color
RYB	120, 177, 227
Decimal	7922645
CIELab	83.84, -34.32, -2.70
CIELCh	84, 34.430, 184.492
Yxy	63.7522, 0.2571, 0.3470
Android (android.graphics.Color)	4286112725 (0xFF78E3D5)
YUV	193.4110, 9.6574, -64.3814
Hunter-Lab	79.8450, -34.1628, 1.8853

Details

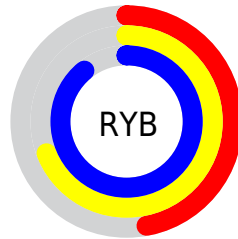
The YIQ color **193.4110, -59.2780, -27.0380** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **153.5890, 59.2780, 27.0380**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.9770, -45.8920, -16.3240**, and **136.0300, -62.5790, -27.7870** is the 20% darker color. If you saturate the color by 10%, you get **186.1920, -72.0230, -32.8470**, and if you desaturate by 10%, it is **200.6300, -46.5330, -21.2290**.

Distribution



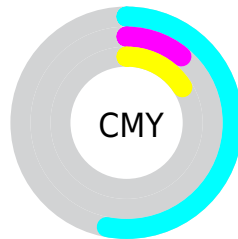
- Red (47%)
- Green (89%)
- Blue (84%)



- Red (47%)
- Yellow (69%)
- Blue (89%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.4110, -59.2780, -27.0380 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 193.4110, -59.2780, -27.0380 by changing the saturation by 10% instead.

■ 193.4110,
-59.2780, -27.0380

■ 193.4110,
-59.2780, -27.0380

■ 255.0000, -0.0000,
-0.0000

■ 164.8130,
-60.4700, -27.4620

■ 231.9770,
-45.8920, -16.3240

■ 136.0300,
-62.5790, -27.7870

■ 240.9470,
-28.0120, -9.9640

■ 104.3600,
-72.4360, -30.8680

■ 249.6180,
-10.7280, -3.8160

■ 81.4640, -66.7970,
-28.4370

■ 64.0530, -52.2180,
-22.8260

■ 47.3430, -38.2350,
-17.4270

■ 31.3340, -24.8480,

-12.2400

■ 14.9660, -11.8280,
-5.9080

■ 0.0000, 0.0000,
0.0000

■ 193.4110,
-59.2780, -27.0380

■ 193.4110,
-59.2780, -27.0380

■ 186.1920,
-72.0230, -32.8470

■ 200.6300,
-46.5330, -21.2290

■ 179.2720,
-84.1720, -38.4440

■ 207.5500,
-34.3840, -15.6320

■ 172.0530,
-96.9170, -44.2530

■ 214.7690,
-21.6390, -9.8230

■ 164.8340,
-109.6620, -50.0620

■ 221.9880, -8.8940,
-4.0140

■ 157.6150,
-122.4070, -55.8710

■ 228.9080, 3.2550,
1.5830

■ 155.7070,
-125.6620, -57.4540

■ 235.8280, 15.4040,
7.1800

■ 236.1700, 14.4410,
8.1130

■ 236.5120, 13.4780,
9.0460

■ 236.8540, 12.5150,
9.9790

Harmonies

Analogous

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



198.0540, -27.5960, -28.5240



193.4110, -59.2780, -27.0380



191.9870, -78.2150, -19.7430

Triad

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



193.4110, -59.2780, -27.0380



211.6630, -5.4600, 21.8680



209.6850, 49.0590, -2.5330

Complementary

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



193.4110, -59.2780, -27.0380



153.5890, 59.2780, 27.0380

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.



206.4370, 44.4260, 9.8500



193.4110, -59.2780, -27.0380



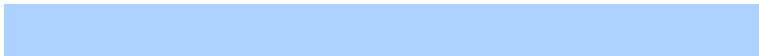
214.3200, 23.6070, 29.2310

Square

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



193.4110, -59.2780, -27.0380



204.3660, -35.9010, 6.3630



208.2100, 35.3000, 21.0600



206.9720, 31.5930, -16.3990

Rectangle

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



193.4110, -59.2780, -27.0380



194.3670, -73.1730, -11.9970



208.2100, 35.3000, 21.0600



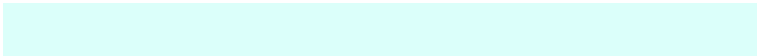
208.0210, 48.2330, 1.4250

Sweetspot

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



193.4110, -59.2780, -27.0380



243.6660, -19.8510, -9.1870



186.9950, -21.0810, -52.9930



121.0800, -12.1490, -5.5970



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.



193.4110, -59.2780, -27.0380



209.4790, -80.3210, -36.6490



172.1140, -53.0470, -2.2870



111.1840, -6.5100, -3.1660



122.7430, -98.9800, -45.4120



34.9530, -28.1490, -12.9890

Inverse Universe

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



153.5890, 59.2780, 27.0380



155.5210, 80.3210, 36.6490



174.8860, 53.0470, 2.2870



106.8160, 6.5100, 3.1660



56.2570, 98.9800, 45.4120



16.0470, 28.1490, 12.9890

Previews

White Background



This preview shows how the YIQ color 193.4110, -59.2780, -27.0380 looks on a white background.

Color Contrast Check

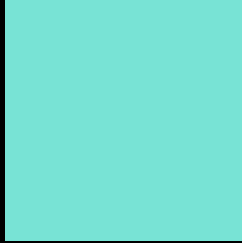
Large Text (above 18pt) WCAG AA × Fail

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 193.4110, -59.2780, -27.0380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

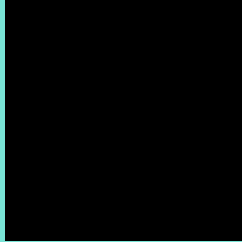
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

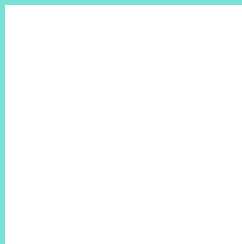
Any Text WCAG AAA ✓ Pass

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

YIQ 193.4110, -59.2780, -27.0380 Background



This preview shows how black text looks on a background with the YIQ color 193.4110, -59.2780, -27.0380.



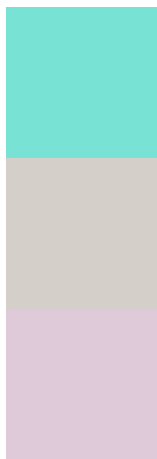
This preview shows how white text looks on a background with the YIQ color 193.4110, -59.2780, -27.0380.

-27.0380.

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

193.4110, -59.2780, -27.0380

Protanopia

208.1100, 5.5020, -0.5940

Deuteranopia

210.1030, 7.3800, 9.4280



Tritanopia

196.6470, -62.3980, -14.5420

Trichromacy



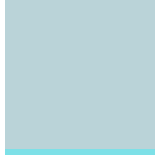
Original Color

193.4110, -59.2780, -27.0380



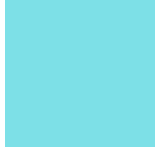
Protanomaly

202.5090, -17.9710, -10.2190



Deuteranomaly

204.0950, -16.5050, -3.7450



Tritanomaly

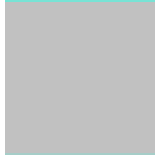
195.1970, -61.2510, -18.8110

Monochromacy



Original Color

193.4110, -59.2780, -27.0380



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.7690, -21.6390, -9.8230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.4110, -59.2780, -27.0380 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(120, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(120, 227, 213)  
}
```

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(120, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 227, 213) }
```

Border

The CSS property to change the border of an element to YIQ 193.4110, -59.2780, -27.0380 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(120, 227, 213) }
```


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

```
.border{ border-color:rgb(120, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(120, 227,  
213) }
```

Background

The CSS property to change the background color of an element to YIQ 193.4110, -59.2780, -27.0380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 227, 213) }
```

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

```
.background{ background-color: rgb(120,  
227, 213) }
```

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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