

Converting Colors

YIQ(193.0410, -61.1120,
-26.8400)

Have a look what the booklet for
YIQ(193.0410, -61.1120, -26.8400)
contains.

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Color

**YIQ(193.0410, -61.1120,
-26.8400)**

Conversions

Conversions Part 1

Format	Color
Hex	76E3D7
RGB	118, 227, 215
RGB Percent	46%, 89%, 84%
CMY	0.5375, 0.1096, 0.1571
CMYK	0.48, 0.00, 0.05, 0.11
HSL	173°, 66%, 68%
HSV	173°, 48%, 89%
XYZ	47.2017, 63.7133, 74.0600
YIQ	193.0410, -61.1120, -26.8400

Conversions

Conversions Part 2

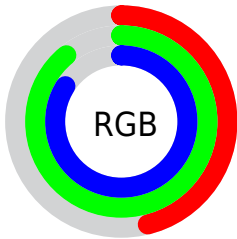
Format	Color
RYB	118, 176, 227
Decimal	7791575
CIELab	83.82, -34.29, -3.79
CIElCh	84, 34.499, 186.310
Yxy	63.7133, 0.2552, 0.3444
Android (android.graphics.Color)	4285981655 (0xFF76E3D7)
YUV	193.0410, 10.8258, -65.8110
Hunter-Lab	79.8206, -34.1305, 0.8633

Details

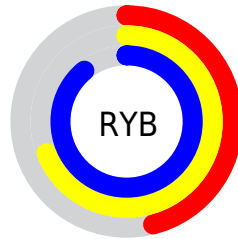
The YIQ color **193.0410, -61.1120, -26.8400** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **151.9590, 61.1120, 26.8400**, and the grayscale version is **193.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.3790, -47.0840, -16.7480**, and **135.3610, -65.0090, -27.8010** is the 20% darker color. If you saturate the color by 10%, you get **185.8220, -73.8570, -32.6490**, and if you desaturate by 10%, it is **200.1460, -48.0460, -21.3420**.

Distribution



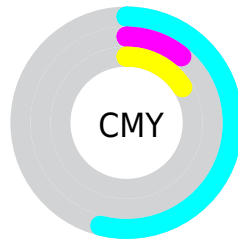
- Red (46%)
- Green (89%)
- Blue (84%)



- Red (46%)
- Yellow (69%)
- Blue (89%)



- Cyan (48%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (54%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 193.0410, -61.1120, -26.8400 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 193.0410, -61.1120, -26.8400 by changing the saturation by 10% instead.

■ 193.0410,
-61.1120, -26.8400

■ 193.0410,
-61.1120, -26.8400

■ 255.0000, -0.0000,
-0.0000

■ 164.4430,
-62.3040, -27.2640

■ 231.3790,
-47.0840, -16.7480

■ 135.3610,
-65.0090, -27.8010

■ 240.3490,
-29.2040, -10.3880

■ 101.8970,
-78.4420, -32.1540

■ 249.3190,
-11.3240, -4.0280

■ 81.6920, -67.4390,
-27.8150

■ 64.2810, -52.8600,
-22.2040

■ 47.5710, -38.8770,
-16.8050

■ 31.5620, -25.4900,

-11.6180

■ 15.1940, -12.4700,
-5.2860

■ 0.0000, 0.0000,
0.0000

■ 193.0410,
-61.1120, -26.8400

■ 193.0410,
-61.1120, -26.8400

■ 185.8220,
-73.8570, -32.6490

■ 200.1460,
-48.0460, -21.3420

■ 179.0160,
-86.3270, -37.9350

■ 207.0660,
-35.8970, -15.7450

■ 171.7970,
-99.0720, -43.7440

■ 214.2850,
-23.1520, -9.9360

■ 164.6920,
-112.1380, -49.2420

■ 221.3900,
-10.0860, -4.4380

■ 157.4730,
-124.8830, -55.0510

■ 228.3100, 2.0630,
1.1590

■ 156.2770,
-127.2670, -55.8990

■ 235.4150, 15.1290,
6.6570

■ 236.0560, 14.7620,
7.8020

■ 236.2840, 14.1200,
8.4240

■ 236.6260, 13.1570,
9.3570

Harmonies

Analogous

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



198.2710, -29.7050, -28.8490



193.0410, -61.1120, -26.8400



191.5140, -78.2610, -18.9090

Triad

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



193.0410, -61.1120, -26.8400



211.6740, -3.9930, 22.8150



209.2720, 48.7840, -3.0560

Complementary

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



193.0410, -61.1120, -26.8400



151.9590, 61.1120, 26.8400

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.



206.7960, 44.7930, 8.7050



193.0410, -61.1120, -26.8400



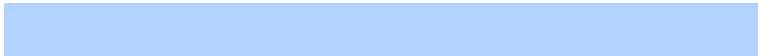
213.5050, 24.5240, 29.1320

Square

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



193.0410, -61.1120, -26.8400



205.2630, -34.1130, 6.9990



207.9820, 35.9420, 20.4380



206.3740, 30.4010, -16.8230

Rectangle

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



193.0410, -61.1120, -26.8400



194.9650, -71.9810, -11.5730



207.9820, 35.9420, 20.4380



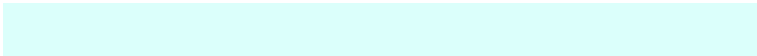
208.4940, 48.2790, 0.5910

Sweetspot

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



193.0410, -61.1120, -26.8400



243.7800, -20.1720, -8.8760



185.8700, -22.2270, -54.2510



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.



193.0410, -61.1120, -26.8400



208.9240, -83.0720, -36.3520



169.7550, -53.4140, -1.1420



111.1840, -6.5100, -3.1660



123.1990, -100.2640, -44.1680



35.0670, -28.4700, -12.6780

Inverse Universe

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



151.9590, 61.1120, 26.8400



153.1900, 82.7510, 36.6630



175.2450, 53.4140, 1.1420



106.8160, 6.5100, 3.1660



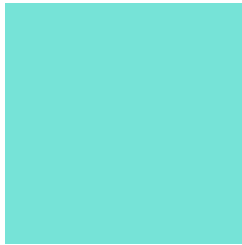
55.8010, 100.2640, 44.1680



15.9330, 28.4700, 12.6780

Previews

White Background



This preview shows how the YIQ color 193.0410, -61.1120, -26.8400 looks on a white background.

Color Contrast Check

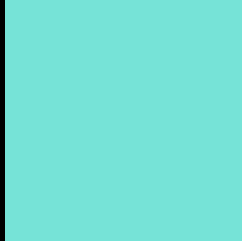
Large Text (above 18pt) WCAG AA × Fail

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 193.0410, -61.1120, -26.8400 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

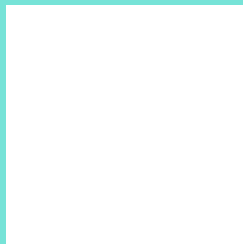
Any Text WCAG AAA ✓ Pass

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

YIQ 193.0410, -61.1120, -26.8400 Background



This preview shows how black text looks on a background with the YIQ color 193.0410, -61.1120, -26.8400.



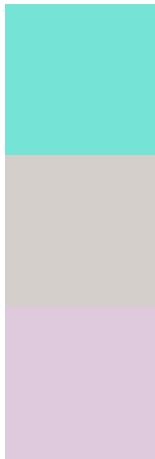
This preview shows how white text looks on a background with the YIQ color 193.0410, -61.1120, -26.8400.

-26.8400.

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

193.0410, -61.1120, -26.8400

Protanopia

208.0390, 4.2640, -0.1840

Deuteranopia

210.0320, 6.1420, 9.8380



Tritanopia

196.0490, -63.5900, -14.9660

Trichromacy



Original Color

193.0410, -61.1120, -26.8400



Protanomaly

202.4380, -19.2090, -9.8090



Deuteranomaly

203.7250, -18.3390, -3.5470



Tritanomaly

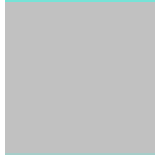
194.7130, -62.7640, -18.9240

Monochromacy



Original Color

193.0410, -61.1120, -26.8400



Achromatopsia

193.0000, -0.0000, -0.0000



Achromatomaly

192.8830, -21.9600, -9.5120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 193.0410, -61.1120, -26.8400 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(118, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(118, 227, 215)  
}
```

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(118, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 227, 215) }
```

Border

The CSS property to change the border of an element to YIQ 193.0410, -61.1120, -26.8400 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(118, 227, 215) }
```


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

```
.border{ border-color:rgb(118, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(118, 227,  
215) }
```

Background

The CSS property to change the background color of an element to YIQ 193.0410, -61.1120, -26.8400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 227, 215) }
```

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

```
.background{ background-color: rgb(118,  
227, 215) }
```

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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