

Converting Colors

YIQ(176.7470, -50.9360,
-13.0160)

Have a look what the booklet for
YIQ(176.7470, -50.9360, -13.0160)
contains.

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Color

**YIQ(176.7470, -50.9360,
-13.0160)**

Conversions

Conversions Part 1

Format	Color
Hex	78C7D3
RGB	120, 199, 211
RGB Percent	47%, 78%, 83%
CMY	0.5296, 0.2195, 0.1728
CMYK	0.43, 0.06, 0.00, 0.17
HSL	188°, 51%, 65%
HSV	188°, 43%, 83%
XYZ	39.9215, 49.5524, 69.0531
YIQ	176.7470, -50.9360, -13.0160

Conversions

Conversions Part 2

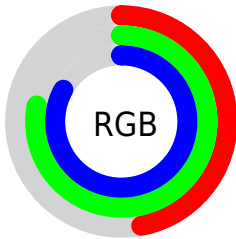
Format	Color
R _{YB}	120, 162, 211
Decimal	7915475
CIE _{Lab}	75.79, -21.21, -13.57
CIE _{LCh}	76, 25.181, 212.601
Yxy	49.5524, 0.2518, 0.3126
Android (android.graphics.Color)	4286105555 (0xFF78C7D3)
YUV	176.7470, 16.8867, -49.7671
Hunter-Lab	70.3934, -21.9576, -8.8856

Details

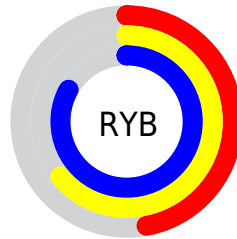
The YIQ color **176.7470, -50.9360, -13.0160** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **154.2530, 50.9360, 13.0160**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **231.6780, -46.4880, -16.5360**, and **121.7360, -52.4030, -13.9630** is the 20% darker color. If you saturate the color by 10%, you get **168.7070, -62.6270, -15.8990**, and if you desaturate by 10%, it is **184.7870, -39.2450, -10.1330**.

Distribution



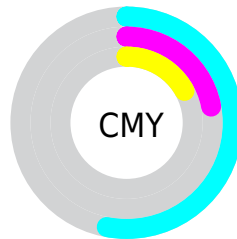
- Red (47%)
- Green (78%)
- Blue (83%)



- Red (47%)
- Yellow (64%)
- Blue (83%)



- Cyan (43%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (53%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.7470, -50.9360, -13.0160 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 176.7470, -50.9360, -13.0160 by changing the saturation by 10% instead.

■ 176.7470,
-50.9360, -13.0160

■ 176.7470,
-50.9360, -13.0160

■ 255.0000, -0.0000,
-0.0000

■ 149.3340,
-51.2110, -13.5390

■ 231.3790,
-47.0840, -16.7480

■ 121.7360,
-52.4030, -13.9630

■ 240.0500,
-29.8000, -10.6000

■ 93.6430, -56.5750,
-15.4470

■ 249.0200,
-11.9200, -4.2400

■ 67.1480, -59.5550,
-16.5070

■ 50.3240, -45.2510,
-11.4190

■ 34.2010, -31.5430,
-6.5430

■ 20.5400, -19.2560,

-3.4480

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 176.7470,
-50.9360, -13.0160

■ 176.7470,
-50.9360, -13.0160

■ 168.7070,
-62.6270, -15.8990

■ 184.7870,
-39.2450, -10.1330

■ 161.2540,
-74.5930, -19.3050

■ 192.8270,
-27.5540, -7.2500

■ 153.2140,
-86.2840, -22.1880

■ 200.2800,
-15.5880, -3.8440

■ 145.1740,
-97.9750, -25.0710

■ 208.3200, -3.8970,
-0.9610

■ 136.8350,
-110.2620, -28.1660

■ 216.3600, 7.7940,
1.9220

■ 131.4750,
-118.0560, -30.0880

■ 224.6990, 20.0810,
5.0170

■ 228.2650, 24.2990,
5.6670

■ 230.0260, 23.4740,
4.0980

■ 231.7870, 22.6490,
2.5290

Harmonies

Analogous

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



177.1040, -39.0600, -18.9960



176.7470, -50.9360, -13.0160



180.1100, -47.2240, -3.1920

Triad

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



176.7470, -50.9360, -13.0160



190.8580, 15.8600, 20.9480



185.5400, 24.3020, -10.9140

Complementary

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



176.7470, -50.9360, -13.0160



154.2530, 50.9360, 13.0160

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.



187.5080, 36.4960, -0.6240



176.7470, -50.9360, -13.0160



190.6610, 32.4120, 18.3320

Square

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



176.7470, -50.9360, -13.0160



189.1310, -7.0180, 17.0620



189.2130, 39.2450, 10.1330



182.9720, 5.2300, -17.6980

Rectangle

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



176.7470, -50.9360, -13.0160



183.7140, -37.0010, 4.2710



189.2130, 39.2450, 10.1330



186.2850, 29.5740, -7.3380

Sweetspot

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



176.7470, -50.9360, -13.0160



242.7850, -18.5680, -4.9040



174.6710, -28.5560, -44.1720



119.9600, -11.6910, -2.8830



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.



176.7470, -50.9360, -13.0160



205.2540, -74.5930, -19.3050



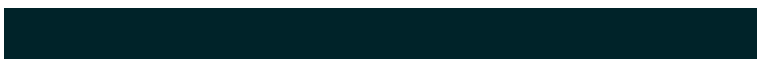
150.9190, -38.8360, 9.9960



100.5370, -6.0060, -1.2860



104.8540, -94.0780, -24.1100



25.2190, -22.7860, -5.5540

Inverse Universe

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



156.2150, 28.8770, 43.8610



174.9910, 42.0320, 64.2720



180.0810, 38.8360, -9.9960



98.3150, 3.6670, 5.1310



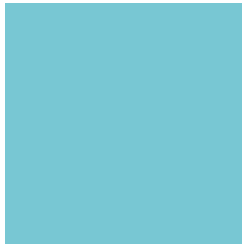
66.8760, 53.2620, 81.0220



16.2490, 13.2010, 19.5770

Previews

White Background



This preview shows how the YIQ color 176.7470, -50.9360, -13.0160 looks on a white background.

Color Contrast Check

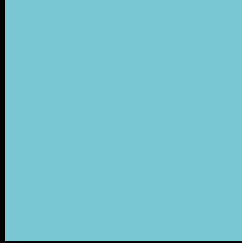
Large Text (above 18pt) WCAG AA × Fail

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 176.7470, -50.9360, -13.0160 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 176.7470, -50.9360, -13.0160 Background



This preview shows how black text looks on a background with the YIQ color 176.7470, -50.9360, -13.0160.



This preview shows how white text looks on a background with the YIQ color 176.7470, -50.9360, -13.0160.

-13.0160.

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

176.7470, -50.9360, -13.0160

Protanopia

186.6390, -6.0530, 5.0750

Deuteranopia

187.5670, -5.5500, 12.4820



Tritanopia

176.8010, -51.0280, -11.3480

Trichromacy



Original Color

176.7470, -50.9360, -13.0160

Protanomaly

183.0390, -22.0990, -1.4830

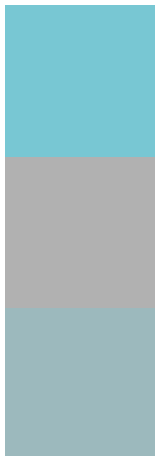
Deuteranomaly

184.0870, -22.0540, 3.2100

Tritanomaly

176.6870, -50.7070, -11.6590

Monochromacy



Original Color

176.7470, -50.9360, -13.0160

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.7850, -18.5680, -4.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.7470, -50.9360, -13.0160 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, 199, 211)` looks like.

```
.text, #text, p{  
    color:rgb(120, 199, 211)  
}
```

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, 199, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 199, 211) }
```

Border

The CSS property to change the border of an element to YIQ 176.7470, -50.9360, -13.0160 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, 199, 211) }
```


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

```
.border{ border-color:rgb(120, 199, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 199, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 199, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 199, 211);  
box-shadow:4px 4px 4px 4px rgb(120, 199,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 176.7470, -50.9360, -13.0160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 199, 211) }
```

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

```
.background{ background-color: rgb(120,  
199, 211) }
```

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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