

Converting Colors

YIQ(175.5120, -66.7520,
-23.7440)

Have a look what the booklet for
YIQ(175.5120, -66.7520, -23.7440)
contains.

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Color

**YIQ(175.5120, -66.7520,
-23.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	61D1D1
RGB	97, 209, 209
RGB Percent	38%, 82%, 82%
CMY	0.6199, 0.1802, 0.1807
CMYK	0.54, 0.00, 0.00, 0.18
HSL	180°, 55%, 60%
HSV	180°, 54%, 82%
XYZ	39.2348, 52.7618, 68.3939
YIQ	175.5120, -66.7520, -23.7440

Conversions

Conversions Part 2

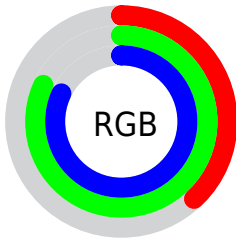
Format	Color
RYB	97, 153, 209
Decimal	6410705
CIELab	77.73, -31.74, -9.67
CIELCh	78, 33.178, 196.951
Yxy	52.7618, 0.2446, 0.3290
Android (android.graphics.Color)	4284600785 (0xFF61D1D1)
YUV	175.5120, 16.5096, -68.8550
Hunter-Lab	72.6373, -30.6991, -4.9802

Details

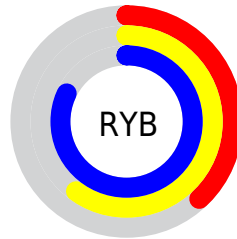
The YIQ color **175.5120, -66.7520, -23.7440** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **130.4880, 66.7520, 23.7440**, and the grayscale version is **175.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.6980, -58.4080, -20.7760**, and **114.9450, -78.3970, -27.4610** is the 20% darker color. If you saturate the color by 10%, you get **169.2330, -79.2680, -28.1960**, and if you desaturate by 10%, it is **181.7910, -54.2360, -19.2920**.

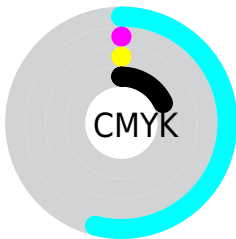
Distribution



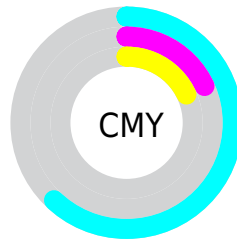
- Red (38%)
- Green (82%)
- Blue (82%)



- Red (38%)
- Yellow (60%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 175.5120, -66.7520, -23.7440 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 175.5120, -66.7520, -23.7440 by changing the saturation by 10% instead.

■ 175.5120,
-66.7520, -23.7440

■ 175.5120,
-66.7520, -23.7440

■ 255.0000, -0.0000,
-0.0000

■ 146.3160,
-69.1360, -24.5920

■ 225.6980,
-58.4080, -20.7760

■ 114.9450,
-78.3970, -27.4610

■ 234.3690,
-41.1240, -14.6280

■ 89.8420, -76.6090,
-26.8250

■ 243.3390,
-23.2440, -8.2680

■ 71.7300, -61.4340,
-21.0020

■ 252.3090, -5.3640,
-1.9080

■ 54.9060, -47.1300,
-15.9140

■ 38.1960, -33.1470,
-10.5150

■ 24.5350, -20.8600,

-7.4200

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 175.5120,
-66.7520, -23.7440

■ 175.5120,
-66.7520, -23.7440

■ 169.2330,
-79.2680, -28.1960

■ 181.7910,
-54.2360, -19.2920

■ 162.9540,
-91.7840, -32.6480

■ 188.0700,
-41.7200, -14.8400

■ 156.6750,
-104.3000, -37.1000

■ 194.3490,
-29.2040, -10.3880

■ 150.3960,
-116.8160, -41.5520

■ 200.6280,
-16.6880, -5.9360

■ 146.5090,
-124.5640, -44.3080

■ 206.6080, -4.7680,
-1.6960

■ 212.8870, 7.7480,
2.7560

■ 219.1660, 20.2640,
7.2080

■ 222.7540, 27.4160,
9.7520

Harmonies

Analogous

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



179.6490, -39.5170, -27.2370



175.5120, -66.7520, -23.7440



176.8290, -74.5940, -13.7780

Triad

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



175.5120, -66.7520, -23.7440



196.3440, 5.8640, 25.8960



191.9180, 40.8530, -8.0030

Complementary

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



175.5120, -66.7520, -23.7440



130.4880, 66.7520, 23.7440

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.



194.0370, 51.3040, 6.3440



175.5120, -66.7520, -23.7440



196.9310, 31.9520, 26.6720

Square

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



175.5120, -66.7520, -23.7440



192.7790, -26.4580, 16.9500



195.8000, 48.1380, 19.6740



188.8180, 20.2230, -19.5930

Rectangle

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



175.5120, -66.7520, -23.7440



182.1280, -64.8300, -3.5020



195.8000, 48.1380, 19.6740



192.3040, 45.7580, -3.2820

Sweetspot

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



175.5120, -66.7520, -23.7440



242.7410, -24.4360, -8.6920



163.3420, -29.6080, -58.1520



120.4110, -14.5790, -5.6110



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.



175.5120, -66.7520, -23.7440



206.2630, -97.1480, -34.5560



143.8140, -51.9020, 4.4980



101.7110, -6.5560, -2.3320



117.7680, -100.1280, -35.6160



28.7410, -24.4360, -8.6920

Inverse Universe

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



130.4880, 66.7520, 23.7440



140.7370, 97.1480, 34.5560



162.1860, 51.9020, -4.4980



97.2890, 6.5560, 2.3320



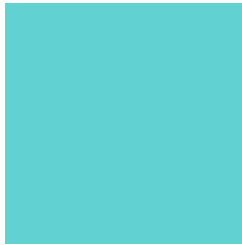
50.2320, 100.1280, 35.6160



12.2590, 24.4360, 8.6920

Previews

White Background



This preview shows how the YIQ color 175.5120, -66.7520, -23.7440 looks on a white background.

Color Contrast Check

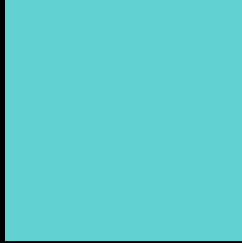
Large Text (above 18pt) WCAG AA × Fail

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 175.5120, -66.7520, -23.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

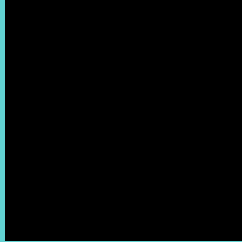
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

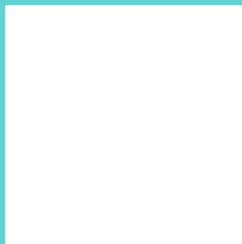
Any Text WCAG AAA ✓ Pass

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

YIQ 175.5120, -66.7520, -23.7440 Background



This preview shows how black text looks on a background with the YIQ color 175.5120, -66.7520, -23.7440.



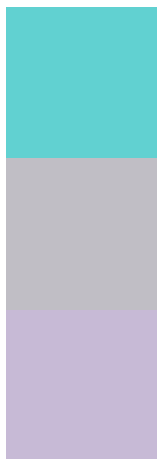
This preview shows how white text looks on a background with the YIQ color 175.5120, -66.7520, -23.7440.

-23.7440.

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

175.5120, -66.7520, -23.7440

Protanopia

191.3960, -1.0550, 2.6010

Deuteranopia

193.0790, -1.2400, 11.4640



Tritanopia

177.5430, -68.0370, -16.9730

Trichromacy



Original Color

175.5120, -66.7520, -23.7440

Protanomaly

185.4960, -25.1240, -7.2360

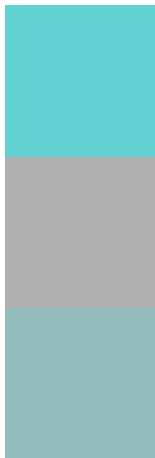
Deuteranomaly

186.4840, -24.8500, -1.1860

Tritanomaly

176.9620, -67.8990, -19.4750

Monochromacy



Original Color

175.5120, -66.7520, -23.7440

Achromatopsia

176.0000, -0.0000, -0.0000

Achromatomaly

175.7410, -24.4360, -8.6920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 175.5120, -66.7520, -23.7440 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(97, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(97, 209, 209)  
}
```

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(97, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 209, 209) }
```

Border

The CSS property to change the border of an element to YIQ 175.5120, -66.7520, -23.7440 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(97, 209, 209) }
```


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

```
.border{ border-color:rgb(97, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(97, 209,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 175.5120, -66.7520, -23.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 209, 209) }
```

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

```
.background{ background-color: rgb(97, 209,  
209) }
```

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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