

Converting Colors

YIQ(176.8820, -64.9180,
-23.9420)

Have a look what the booklet for
YIQ(176.8820, -64.9180, -23.9420)
contains.

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Color

**YIQ(176.8820, -64.9180,
-23.9420)**

Conversions

Conversions Part 1

Format	Color
Hex	64D2D0
RGB	100, 210, 208
RGB Percent	39%, 82%, 82%
CMY	0.6081, 0.1763, 0.1846
CMYK	0.52, 0.00, 0.01, 0.18
HSL	179°, 55%, 61%
HSV	179°, 52%, 82%
XYZ	39.6833, 53.3724, 67.8428
YIQ	176.8820, -64.9180, -23.9420

Conversions

Conversions Part 2

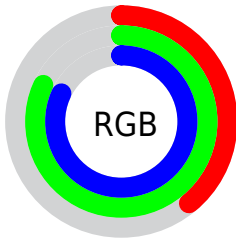
Format	Color
RYB	100, 156, 210
Decimal	6607568
CIELab	78.09, -31.88, -8.59
CIELCh	78, 33.014, 195.083
Yxy	53.3724, 0.2466, 0.3317
Android (android.graphics.Color)	4284797648 (0xFF64D2D0)
YUV	176.8820, 15.3412, -67.4255
Hunter-Lab	73.0564, -30.8899, -3.9193

Details

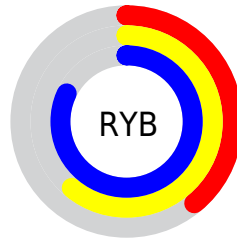
The YIQ color **176.8820, -64.9180, -23.9420** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **133.1180, 64.9180, 23.9420**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **226.2960, -57.2160, -20.3520**, and **117.5110, -74.1790, -26.8110** is the 20% darker color. If you saturate the color by 10%, you get **170.6030, -77.4340, -28.3940**, and if you desaturate by 10%, it is **183.1610, -52.4020, -19.4900**.

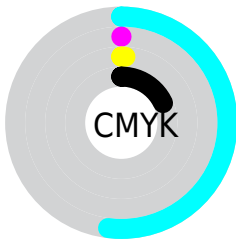
Distribution



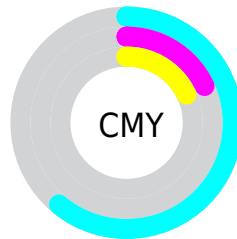
- Red (39%)
- Green (82%)
- Blue (82%)



- Red (39%)
- Yellow (61%)
- Blue (82%)



- Cyan (52%)
- Magenta (0%)
- Yellow (1%)
- Black (18%)



- Cyan (61%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.8820, -64.9180, -23.9420 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 176.8820, -64.9180, -23.9420 by changing the saturation by 10% instead.

■ 176.8820,
-64.9180, -23.9420

■ 176.8820,
-64.9180, -23.9420

■ 255.0000, -0.0000,
-0.0000

■ 147.9850,
-66.7060, -24.5780

■ 226.2960,
-57.2160, -20.3520

■ 117.5110,
-74.1790, -26.8110

■ 235.2660,
-39.3360, -13.9920

■ 90.3150, -76.5630,
-27.6590

■ 243.9370,
-22.0520, -7.8440

■ 72.2030, -61.3880,
-21.8360

■ 252.9070, -4.1720,
-1.4840

■ 55.3790, -47.0840,
-16.7480

■ 38.6690, -33.1010,
-11.3490

■ 24.4210, -20.5390,

-7.7310

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 176.8820,
-64.9180, -23.9420

■ 176.8820,
-64.9180, -23.9420

■ 170.6030,
-77.4340, -28.3940

■ 183.1610,
-52.4020, -19.4900

■ 164.2100,
-89.6290, -33.1570

■ 189.5540,
-40.2070, -14.7270

■ 157.9310,
-102.1450, -37.6090

■ 195.8330,
-27.6910, -10.2750

■ 151.5380,
-114.3400, -42.3720

■ 202.2260,
-15.4960, -5.5120

■ 146.7540,
-123.8760, -45.7640

■ 208.5050, -2.9800,
-1.0600

■ 214.7840, 9.5360,
3.3920

■ 221.1770, 21.7310,
8.1550

■ 223.5690, 26.4990,
9.8510

■ 223.6830, 26.1780,
10.1620

Harmonies

Analogous

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



181.3180, -37.0870, -27.2230



176.8820, -64.9180, -23.9420



177.6010, -73.9520, -14.4000

Triad

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



176.8820, -64.9180, -23.9420



197.5610, 3.7550, 25.5710



192.6300, 41.7240, -7.2680

Complementary

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



176.8820, -64.9180, -23.9420



133.1180, 64.9180, 23.9420

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.



194.6780, 50.9370, 7.4890



176.8820, -64.9180, -23.9420



197.8600, 30.7140, 27.0820

Square

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



176.8820, -64.9180, -23.9420



193.4690, -28.5210, 15.7910



197.0280, 47.4960, 20.2960



189.7150, 22.0110, -18.9570

Rectangle

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



176.8820, -64.9180, -23.9420



182.4160, -65.7010, -4.2370



197.0280, 47.4960, 20.2960



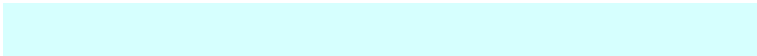
193.1300, 46.3080, -2.2360

Sweetspot

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



176.8820, -64.9180, -23.9420



242.6270, -24.1150, -9.0030



165.7660, -27.8660, -56.6820



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.



176.8820, -64.9180, -23.9420



206.5190, -94.9930, -35.0650



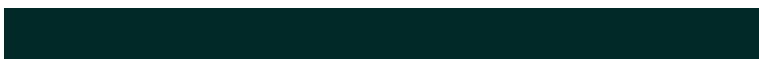
147.1730, -51.5350, 3.3530



101.5970, -6.2350, -2.6430



117.4260, -99.1650, -36.5490



28.6270, -24.1150, -9.0030

Inverse Universe

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



133.1180, 64.9180, 23.9420



142.4810, 94.9930, 35.0650



162.8270, 51.5350, -3.3530



97.2890, 6.5560, 2.3320



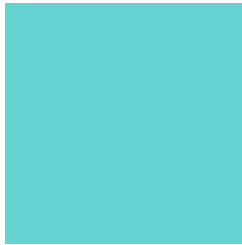
50.5740, 99.1650, 36.5490



12.3730, 24.1150, 9.0030

Previews

White Background



This preview shows how the YIQ color 176.8820, -64.9180, -23.9420 looks on a white background.

Color Contrast Check

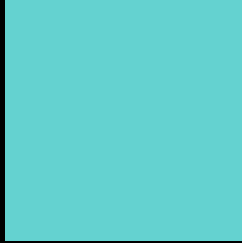
Large Text (above 18pt) WCAG AA × Fail

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 176.8820, -64.9180, -23.9420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

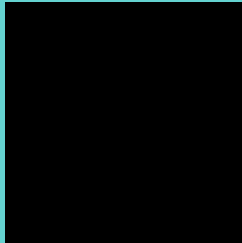
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

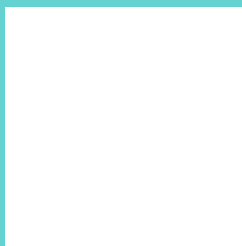
Any Text WCAG AAA ✓ Pass

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

YIQ 176.8820, -64.9180, -23.9420 Background



This preview shows how black text looks on a background with the YIQ color 176.8820, -64.9180, -23.9420.



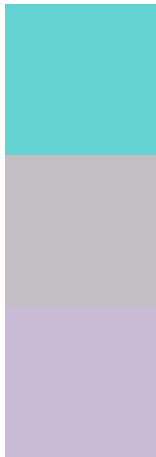
This preview shows how white text looks on a background with the YIQ color 176.8820, -64.9180, -23.9420.

-23.9420.

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

176.8820, -64.9180, -23.9420

Protanopia

192.4670, 0.1830, 2.1910

Deuteranopia

194.1500, -0.0020, 11.0540



Tritanopia

179.3260, -65.9280, -16.6480

Trichromacy



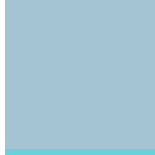
Original Color

176.8820, -64.9180, -23.9420



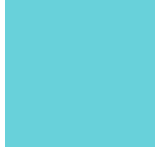
Protanomaly

186.8660, -23.2900, -7.4340



Deuteranomaly

187.5550, -23.6120, -1.5960



Tritanomaly

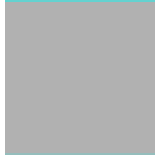
178.6310, -65.4690, -19.4610

Monochromacy



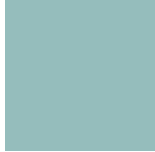
Original Color

176.8820, -64.9180, -23.9420



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

176.9260, -23.5190, -8.7910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.8820, -64.9180, -23.9420 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(100, 210, 208)` looks like.

```
.text, #text, p{  
    color:rgb(100, 210, 208)  
}
```

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(100, 210, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 210, 208) }
```

Border

The CSS property to change the border of an element to YIQ 176.8820, -64.9180, -23.9420 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(100, 210, 208) }
```


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

```
.border{ border-color:rgb(100, 210, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 210, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 210, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 210, 208);  
box-shadow:4px 4px 4px 4px rgb(100, 210,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 176.8820, -64.9180, -23.9420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 210, 208) }
```

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

```
.background{ background-color: rgb(100,  
210, 208) }
```

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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