

Converting Colors

YIQ(150.5480, -75.6010,
-23.0650)

Have a look what the booklet for
YIQ(150.5480, -75.6010, -23.0650)
contains.

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Color

**YIQ(150.5480, -75.6010,
-23.0650)**

Conversions

Conversions Part 1

Format	Color
Hex	40BAC3
RGB	64, 186, 195
RGB Percent	25%, 73%, 76%
CMY	0.7493, 0.2704, 0.2356
CMYK	0.67, 0.05, 0.00, 0.24
HSL	184°, 52%, 51%
HSV	184°, 67%, 76%
XYZ	29.5208, 40.1636, 57.7798
YIQ	150.5480, -75.6010, -23.0650

Conversions

Conversions Part 2

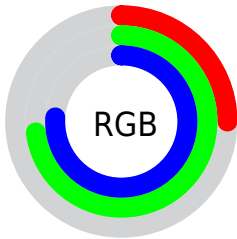
Format	Color
RYB	64, 127, 195
Decimal	4242115
CIELab	69.59, -30.29, -14.36
CIELCh	70, 33.525, 205.360
Yxy	40.1636, 0.2316, 0.3151
Android (android.graphics.Color)	4282432195 (0xFF40BAC3)
YUV	150.5480, 21.9148, -75.9026
Hunter-Lab	63.3747, -27.7581, -9.6933

Details

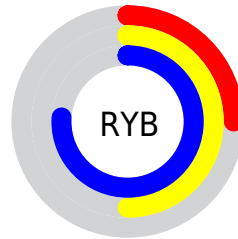
The YIQ color **150.5480, -75.6010, -23.0650** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **108.4520, 75.6010, 23.0650**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **209.6410, -71.4290, -21.5810**, and **93.5580, -81.5610, -25.1850** is the 20% darker color. If you saturate the color by 10%, you get **143.9810, -87.2460, -26.7820**, and if you desaturate by 10%, it is **156.8160, -64.5520, -19.5600**.

Distribution



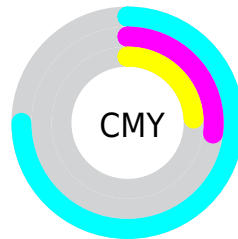
- Red (25%)
- Green (73%)
- Blue (76%)



- Red (25%)
- Yellow (50%)
- Blue (76%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (24%)



- Cyan (75%)
- Magenta (27%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.5480, -75.6010, -23.0650 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 150.5480, -75.6010, -23.0650 by changing the saturation by 10% instead.

■ 150.5480,
-75.6010, -23.0650

■ 150.5480,
-75.6010, -23.0650

■ 255.0000, -0.0000,
-0.0000

■ 117.2690,
-88.1170, -27.5170

■ 209.5270,
-71.1080, -21.8920

■ 93.5580, -81.5610,
-25.1850

■ 225.9970,
-57.8120, -20.5640

■ 76.0330, -66.6610,
-19.8850

■ 234.9670,
-39.9320, -14.2040

■ 58.5080, -51.7610,
-14.5850

■ 243.9370,
-22.0520, -7.8440

■ 41.7980, -37.7780,
-9.1860

■ 252.9070, -4.1720,
-1.4840

■ 26.8490, -24.6200,
-5.3560

■ 3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 150.5480,
-75.6010, -23.0650

■ 150.5480,
-75.6010, -23.0650

■ 143.9810,
-87.2460, -26.7820

■ 156.8160,
-64.5520, -19.5600

■ 137.1260,
-98.0200, -29.7640

■ 163.9700,
-53.1820, -16.3660

■ 130.5590,
-109.6650, -33.4810

■ 170.2380,
-42.1330, -12.8610

■ 129.0640,
-112.6450, -34.5410

■ 176.8050,
-30.4880, -9.1440

■ 183.6600,
-19.7140, -6.1620

■ 190.2270, -8.0690,
-2.4450

■ 196.4950, 2.9800,
1.0600

■ 203.6490, 14.3500,
4.2540

■ 209.9170, 25.3990,
7.7590

Harmonies

Analogous

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



155.3860, -48.9620, -26.7700



150.5480, -75.6010, -23.0650



154.5240, -75.0530, -10.9650

Triad

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



150.5480, -75.6010, -23.0650



174.1770, 13.7040, 26.9840



168.1730, 35.5810, -11.5790

Complementary

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



150.5480, -75.6010, -23.0650



108.4520, 75.6010, 23.0650

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.



170.5480, 48.1870, 2.2590



150.5480, -75.6010, -23.0650



173.9270, 37.7750, 25.7670

Square

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



150.5480, -75.6010, -23.0650



171.8510, -17.7930, 19.6070



172.1760, 49.8350, 16.4510



165.3440, 12.7500, -21.8260

Rectangle

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



150.5480, -75.6010, -23.0650



161.2860, -59.2830, 0.5970



172.1760, 49.8350, 16.4510



169.3310, 41.1280, -7.4800

Sweetspot

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



150.5480, -75.6010, -23.0650



235.2890, -28.9750, -9.0310



141.9230, -38.9140, -65.7140



116.9700, -17.6510, -5.0030



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.



150.5480, -75.6010, -23.0650



183.3730, -118.0090, -36.4490



112.3930, -57.7260, 10.9300



93.4230, -5.6850, -1.5970



106.4040, -92.9310, -28.3790



21.9590, -19.1180, -5.9500

Inverse Universe

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



117.0770, 38.9140, 65.7140



130.7700, 60.2730, 102.6490



146.6070, 57.7260, -10.9300



91.0160, 3.0710, 4.9190



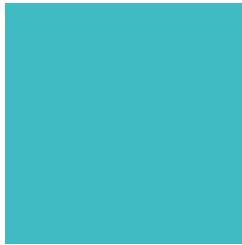
65.2390, 47.8060, 80.7820



13.4010, 9.7170, 16.6370

Previews

White Background



This preview shows how the YIQ color 150.5480, -75.6010, -23.0650 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 150.5480, -75.6010, -23.0650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

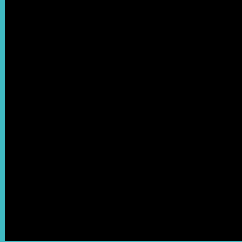
Any Text WCAG AA ✓ Pass

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 150.5480, -75.6010, -23.0650 Background



This preview shows how black text looks on a background with the YIQ color 150.5480, -75.6010, -23.0650.



This preview shows how white text looks on a background with the YIQ color 150.5480, -75.6010, -23.0650.

-23.0650.

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

150.5480, -75.6010, -23.0650

Protanopia

169.4110, -5.4110, 4.4530

Deuteranopia

170.4850, -8.2550, 11.9450



Tritanopia

151.4280, -75.1430, -20.3510

Trichromacy



Original Color

150.5480, -75.6010, -23.0650

Protanomaly

162.9130, -30.6720, -5.8080

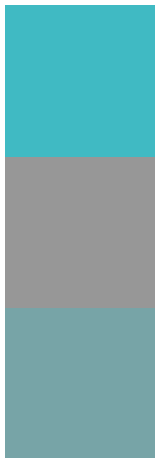
Deuteranomaly

163.2920, -33.0570, -1.1290

Tritanomaly

150.9010, -75.0970, -21.1850

Monochromacy



Original Color

150.5480, -75.6010, -23.0650

Achromatopsia

151.0000, -0.0000, 0.0000

Achromatomaly

150.8870, -27.7830, -8.6070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.5480, -75.6010, -23.0650 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(64, 186, 195)` looks like.

```
.text, #text, p{  
    color:rgb(64, 186, 195)  
}
```

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(64, 186, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 186, 195) }
```

Border

The CSS property to change the border of an element to YIQ 150.5480, -75.6010, -23.0650 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(64, 186, 195) }
```


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

```
.border{ border-color:rgb(64, 186, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 186, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 186, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 186, 195);  
box-shadow:4px 4px 4px 4px rgb(64, 186,  
195) }
```

Background

The CSS property to change the background color of an element to YIQ 150.5480, -75.6010, -23.0650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 186, 195) }
```

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

```
.background{ background-color: rgb(64, 186,  
195) }
```

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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