

Converting Colors

YIQ(170.4730, -71.0160,
-23.5600)

Have a look what the booklet for
YIQ(170.4730, -71.0160, -23.5600)
contains.

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Color

**YIQ(170.4730, -71.0160,
-23.5600)**

Conversions

Conversions Part 1

Format	Color
Hex	58CDD1
RGB	88, 205, 209
RGB Percent	35%, 80%, 82%
CMY	0.6552, 0.1959, 0.1807
CMYK	0.58, 0.02, 0.00, 0.18
HSL	182°, 57%, 58%
HSV	182°, 58%, 82%
XYZ	37.3606, 50.3573, 68.0253
YIQ	170.4730, -71.0160, -23.5600

Conversions

Conversions Part 2

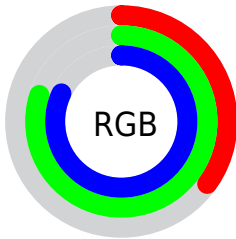
Format	Color
RYB	88, 147, 209
Decimal	5819857
CIELab	76.29, -31.53, -11.86
CIElCh	76, 33.685, 200.611
Yxy	50.3573, 0.2399, 0.3233
Android (android.graphics.Color)	4284009937 (0xFF58CDD1)
YUV	170.4730, 18.9938, -72.3288
Hunter-Lab	70.9629, -30.2083, -7.1616

Details

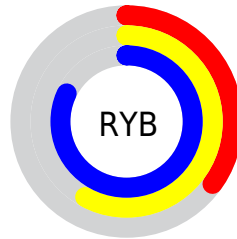
The YIQ color **170.4730, -71.0160, -23.5600** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **126.5270, 71.0160, 23.5600**, and the grayscale version is **170.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **223.3060, -63.1760, -22.4720**, and **105.7200, -91.0050, -30.2450** is the 20% darker color. If you saturate the color by 10%, you get **163.6070, -83.2570, -27.4890**, and if you desaturate by 10%, it is **177.3390, -58.7750, -19.6310**.

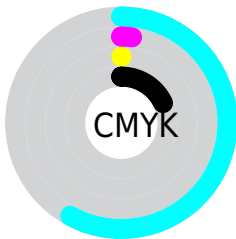
Distribution



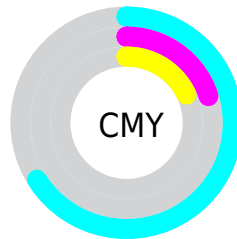
- Red (35%)
- Green (80%)
- Blue (82%)



- Red (35%)
- Yellow (58%)
- Blue (82%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (66%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.4730, -71.0160, -23.5600 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 170.4730, -71.0160, -23.5600 by changing the saturation by 10% instead.

■ 170.4730,
-71.0160, -23.5600

■ 170.4730,
-71.0160, -23.5600

■ 255.0000, -0.0000,
-0.0000

■ 140.6790,
-74.5920, -24.8320

■ 223.3060,
-63.1760, -22.4720

■ 105.7200,
-91.0050, -30.2450

■ 232.2760,
-45.2960, -16.1120

■ 87.4940, -75.5090,
-24.7330

■ 241.2460,
-27.4160, -9.7520

■ 69.9690, -60.6090,
-19.4330

■ 250.2160, -9.5360,
-3.3920

■ 52.4440, -45.7090,
-14.1330

■ 36.4350, -32.3220,
-8.9460

■ 22.1870, -19.7600,

-5.3280

■ 2.0690, -4.4480,
3.5200

■ 0.0000, 0.0000,
0.0000

■ 170.4730,
-71.0160, -23.5600

■ 170.4730,
-71.0160, -23.5600

■ 163.6070,
-83.2570, -27.4890

■ 177.3390,
-58.7750, -19.6310

■ 157.3280,
-95.7730, -31.9410

■ 183.6180,
-46.2590, -15.1790

■ 150.4620,
-108.0140, -35.8700

■ 190.4840,
-34.0180, -11.2500

■ 143.5960,
-120.2550, -39.7990

■ 197.3500,
-21.7770, -7.3210

■ 142.4000,
-122.6390, -40.6470

■ 203.3300, -9.8570,
-3.0810

■ 210.1960, 2.3840,
0.8480

■ 217.0620, 14.6250,
4.7770

■ 223.3410, 27.1410,
9.2290

■ 223.9280, 26.8660,
8.7060

Harmonies

Analogous

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



175.1970, -44.0560, -27.5760



170.4730, -71.0160, -23.5600



173.1710, -75.5570, -12.8450

Triad

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



170.4730, -71.0160, -23.5600



192.7250, 9.1650, 26.6450



187.3800, 39.4320, -9.7840

Complementary

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



170.4730, -71.0160, -23.5600



126.5270, 71.0160, 23.5600

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.



189.6840, 50.8000, 4.4640



170.4730, -71.0160, -23.5600



192.7850, 35.2990, 26.5870

Square

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



170.4730, -71.0160, -23.5600



189.5730, -22.8820, 18.2220



191.3440, 49.4220, 18.4300



184.2090, 17.5640, -20.9640

Rectangle

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



170.4730, -71.0160, -23.5600



178.6660, -63.4090, -1.7210



191.3440, 49.4220, 18.4300



187.7660, 44.3370, -5.0630

Sweetspot

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



170.4730, -71.0160, -23.5600



241.5560, -25.3530, -8.5930



159.2550, -33.9170, -62.6610



119.6390, -15.2210, -4.9890



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.



170.4730, -71.0160, -23.5600



198.8540, -103.2460, -34.1740



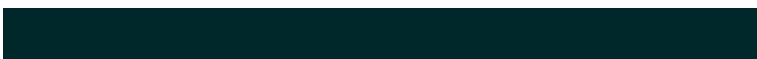
135.8400, -54.7910, 7.2970



101.1240, -6.2810, -1.8090



114.8330, -98.7530, -33.0010



27.5670, -23.8860, -7.6460

Inverse Universe

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



137.5170, 34.5590, 62.0390



151.0040, 50.3260, 90.1820



160.5730, 55.0660, -6.7740



98.4290, 3.3460, 5.4420



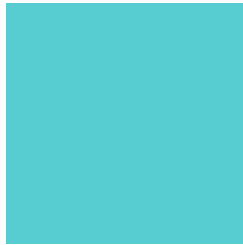
68.8140, 47.8050, 86.3090



16.7050, 11.9170, 20.8210

Previews

White Background



This preview shows how the YIQ color 170.4730, -71.0160, -23.5600 looks on a white background.

Color Contrast Check

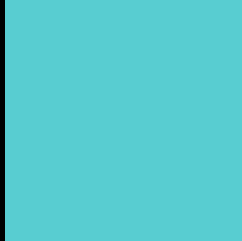
Large Text (above 18pt) WCAG AA × Fail

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 170.4730, -71.0160, -23.5600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

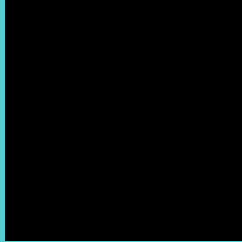
Any Text WCAG AA ✓ Pass

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 170.4730, -71.0160, -23.5600 Background



This preview shows how black text looks on a background with the YIQ color 170.4730, -71.0160, -23.5600.



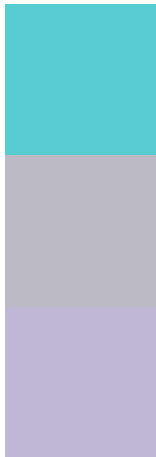
This preview shows how white text looks on a background with the YIQ color 170.4730, -71.0160, -23.5600.

-23.5600.

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

170.4730, -71.0160, -23.5600

Protanopia

187.5530, -2.9350, 3.6330

Deuteranopia

188.6380, -4.3120, 12.0720



Tritanopia

171.7490, -71.6130, -18.2450

Trichromacy



Original Color

170.4730, -71.0160, -23.5600



Protanomaly

181.3540, -27.6000, -6.4160



Deuteranomaly

181.7440, -28.5180, -0.7900



Tritanomaly

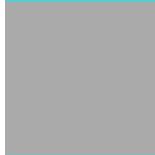
171.5810, -71.2000, -20.2240

Monochromacy



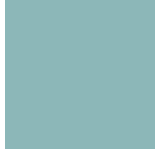
Original Color

170.4730, -71.0160, -23.5600



Achromatopsia

170.0000, -0.0000, 0.0000



Achromatomaly

170.2570, -25.9490, -8.8050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.4730, -71.0160, -23.5600 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(88, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(88, 205, 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(88, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 205, 209) }
```

Border

The CSS property to change the border of an element to YIQ 170.4730, -71.0160, -23.5600 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(88, 205, 209) }
```


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

```
.border{ border-color:rgb(88, 205, 209) }
```

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

Here you see how a box with a 4 pixel rgb(88, 205, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(88, 205,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 170.4730, -71.0160, -23.5600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 205, 209) }
```

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

```
.background{ background-color: rgb(88, 205,  
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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