

Converting Colors

YIQ(176.9780, -73.9960,
-24.6200)

Have a look what the booklet for
YIQ(176.9780, -73.9960, -24.6200)
contains.

YIQ(176.9780, -73.9960, -24.6200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(176.9780, -73.9960,
-24.6200)**

Conversions

Conversions Part 1

Format	Color
Hex	5BD5D9
RGB	91, 213, 217
RGB Percent	36%, 84%, 85%
CMY	0.6434, 0.1645, 0.1493
CMYK	0.58, 0.02, 0.00, 0.15
HSL	182°, 62%, 60%
HSV	182°, 58%, 85%
XYZ	40.6288, 54.8405, 74.0380
YIQ	176.9780, -73.9960, -24.6200

Conversions

Conversions Part 2

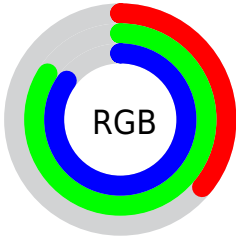
Format	Color
RYB	91, 153, 217
Decimal	6018521
CIELab	78.95, -32.62, -12.17
CIELCh	79, 34.812, 200.455
Yxy	54.8405, 0.2397, 0.3235
Android (android.graphics.Color)	4284208601 (0xFF5BD5D9)
YUV	176.9780, 19.7308, -75.4027
Hunter-Lab	74.0544, -31.6638, -7.4388

Details

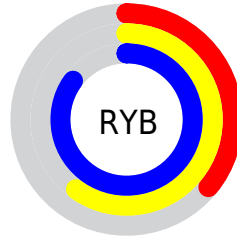
The YIQ color **176.9780, -73.9960, -24.6200** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **131.0220, 73.9960, 24.6200**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2030, -61.3880, -21.8360**, and **111.2140, -95.4520, -32.2520** is the 20% darker color. If you saturate the color by 10%, you get **169.8130, -86.8330, -28.7610**, and if you desaturate by 10%, it is **184.1430, -61.1590, -20.4790**.

Distribution



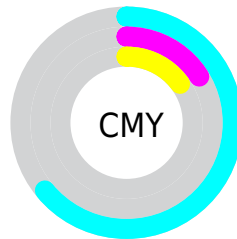
- Red (36%)
- Green (84%)
- Blue (85%)



- Red (36%)
- Yellow (60%)
- Blue (85%)



- Cyan (58%)
- Magenta (2%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.9780, -73.9960, -24.6200 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 176.9780, -73.9960, -24.6200 by changing the saturation by 10% instead.

■ 176.9780,
-73.9960, -24.6200

■ 176.9780,
-73.9960, -24.6200

■ 255.0000, -0.0000,
-0.0000

■ 146.8850,
-78.1680, -26.1040

■ 224.2030,
-61.3880, -21.8360

■ 111.2140,
-95.4520, -32.2520

■ 233.1730,
-43.5080, -15.4760

■ 92.4010, -79.6810,
-26.2170

■ 242.4420,
-25.0320, -8.9040

■ 74.8760, -64.7810,
-20.9170

■ 251.4120, -7.1520,
-2.5440

■ 57.3510, -49.8810,
-15.6170

■ 40.6410, -35.8980,
-10.2180

■ 26.3930, -23.3360,

-6.6000

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 176.9780,
-73.9960, -24.6200

■ 176.9780,
-73.9960, -24.6200

■ 169.8130,
-86.8330, -28.7610

■ 184.1430,
-61.1590, -20.4790

■ 163.5340,
-99.3490, -33.2130

■ 190.4220,
-48.6430, -16.0270

■ 156.3690,
-112.1860, -37.3540

■ 197.5870,
-35.8060, -11.8860

■ 149.2040,
-125.0230, -41.4950

■ 204.7520,
-22.9690, -7.7450

■ 148.0080,
-127.4070, -42.3430

■ 211.0310,
-10.4530, -3.2930

■ 218.1960, 2.3840,
0.8480

■ 225.3610, 15.2210,
4.9890

■ 228.9490, 22.3730,
7.5330

■ 229.5360, 22.0980,
7.0100

Harmonies

Analogous

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



181.8870, -46.1190, -28.7350



176.9780, -73.9960, -24.6200



179.2030, -78.5830, -13.0710

Triad

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



176.9780, -73.9960, -24.6200



200.5510, 9.7150, 27.6910



194.4510, 40.6700, -10.1940

Complementary

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



176.9780, -73.9960, -24.6200



131.0220, 73.9960, 24.6200

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.



196.8800, 53.1840, 5.3120



176.9780, -73.9960, -24.6200



199.9100, 36.4450, 27.8450

Square

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



176.9780, -73.9960, -24.6200



196.5020, -24.1200, 18.6320



197.0450, 48.8260, 18.2180



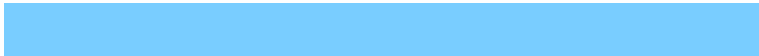
190.9810, 18.2060, -21.5860

Rectangle

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



176.9780, -73.9960, -24.6200



185.5840, -66.1140, -2.2580



197.0450, 48.8260, 18.2180



195.1360, 46.1710, -5.2610

Sweetspot

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



176.9780, -73.9960, -24.6200



241.5560, -25.3530, -8.5930



165.1900, -35.2920, -65.2760



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.



176.9780, -73.9960, -24.6200



198.8430, -104.7130, -35.1210



141.1710, -57.2210, 7.2830



106.1240, -6.2810, -1.8090



118.3380, -101.7330, -34.0610



31.0720, -26.8660, -8.7060

Inverse Universe

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



142.5820, 35.9340, 64.6540



149.9440, 50.5550, 91.5390



166.8290, 57.2210, -7.2830



103.4290, 3.3460, 5.4420



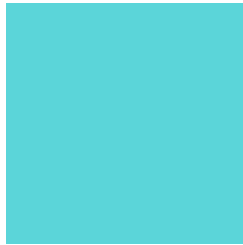
70.8790, 49.1800, 88.9240



18.7700, 13.2920, 23.4360

Previews

White Background



This preview shows how the YIQ color 176.9780, -73.9960, -24.6200 looks on a white background.

Color Contrast Check

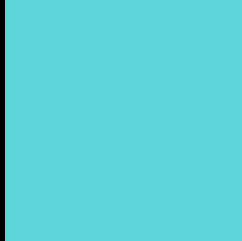
Large Text (above 18pt) WCAG AA × Fail

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 176.9780, -73.9960, -24.6200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

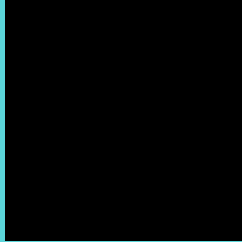
Any Text WCAG AA ✓ Pass

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 176.9780, -73.9960, -24.6200 Background



This preview shows how black text looks on a background with the YIQ color 176.9780, -73.9960, -24.6200.

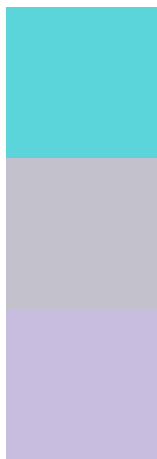


This preview shows how white text looks on a background with the YIQ color 176.9780, -73.9960, -24.6200.

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

176.9780, -73.9960, -24.6200

Protanopia

194.5530, -2.9350, 3.6330

Deuteranopia

196.0510, -4.0370, 12.5950



Tritanopia

178.5530, -73.9970, -19.0930

Trichromacy



Original Color

176.9780, -73.9960, -24.6200



Protanomaly

188.1690, -28.5170, -6.3170



Deuteranomaly

189.1460, -29.7100, -1.2140



Tritanomaly

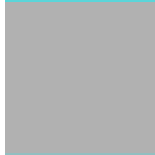
178.0860, -74.1800, -21.2840

Monochromacy



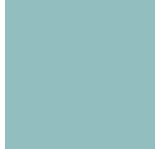
Original Color

176.9780, -73.9960, -24.6200



Achromatopsia

177.0000, -0.0000, 0.0000



Achromatomaly

177.0720, -26.8660, -8.7060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.9780, -73.9960, -24.6200 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(91, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(91, 213, 217)  
}
```

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(91, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 213, 217) }
```

Border

The CSS property to change the border of an element to YIQ 176.9780, -73.9960, -24.6200 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(91, 213, 217) }
```


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

```
.border{ border-color:rgb(91, 213, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 213, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(91, 213,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 176.9780, -73.9960, -24.6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 213, 217) }
```

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

```
.background{ background-color: rgb(91, 213,  
217) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor