

Converting Colors

YIQ(157.7380, -73.0800,
-19.1920)

Have a look what the booklet for
YIQ(157.7380, -73.0800, -19.1920)
contains.

YIQ(157.7380, -73.0800, -19.1920)	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(157.7380, -73.0800,
-19.1920)**

Conversions

Conversions Part 1

Format	Color
Hex	4CBECE
RGB	76, 190, 206
RGB Percent	30%, 75%, 81%
CMY	0.7022, 0.2547, 0.1925
CMYK	0.63, 0.08, 0.00, 0.19
HSL	187°, 57%, 55%
HSV	187°, 63%, 81%
XYZ	32.5303, 42.8340, 64.8967
YIQ	157.7380, -73.0800, -19.1920

Conversions

Conversions Part 2

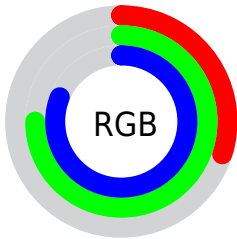
Format	Color
RYB	76, 137, 206
Decimal	5029582
CIELab	71.44, -27.16, -17.55
CIELCh	71, 32.337, 212.871
Yxy	42.8340, 0.2319, 0.3054
Android (android.graphics.Color)	4283219662 (0xFF4CBECE)
YUV	157.7380, 23.7932, -71.6842
Hunter-Lab	65.4477, -25.8113, -12.9775

Details

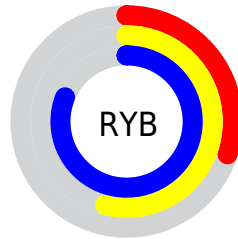
The YIQ color **157.7380, -73.0800, -19.1920** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **124.2620, 73.0800, 19.1920**, and the grayscale version is **158.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.3210, -67.5320, -20.6200**, and **97.1600, -86.1920, -23.8560** is the 20% darker color. If you saturate the color by 10%, you get **150.2850, -85.0460, -22.5980**, and if you desaturate by 10%, it is **165.7780, -61.3890, -16.3090**.

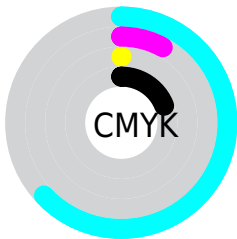
Distribution



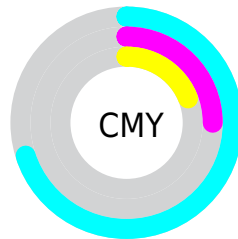
- Red (30%)
- Green (75%)
- Blue (81%)



- Red (30%)
- Yellow (54%)
- Blue (81%)



- Cyan (63%)
- Magenta (8%)
- Yellow (0%)
- Black (19%)



- Cyan (70%)
- Magenta (25%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 157.7380, -73.0800, -19.1920 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 157.7380, -73.0800, -19.1920 by changing the saturation by 10% instead.

■ 157.7380,
-73.0800, -19.1920

■ 157.7380,
-73.0800, -19.1920

■ 255.0000, -0.0000,
-0.0000

■ 127.3350,
-79.3150, -21.8350

■ 215.3210,
-67.5320, -20.6200

■ 97.1600, -86.1920,
-23.8560

■ 228.9870,
-51.8520, -18.4440

■ 79.5210, -70.9710,
-18.8670

■ 237.9570,
-33.9720, -12.0840

■ 61.9960, -56.0710,
-13.5670

■ 246.9270,
-16.0920, -5.7240

■ 45.1720, -41.7670,
-8.4790

■ 29.6360, -28.3340,
-4.1260

■ 10.8060, -13.8930,

3.9870

■ 0.7980, -2.2470,
2.1770

■ 0.0000, 0.0000,
0.0000

■ 157.7380,
-73.0800, -19.1920

■ 157.7380,
-73.0800, -19.1920

■ 150.2850,
-85.0460, -22.5980

■ 165.7780,
-61.3890, -16.3090

■ 142.5440,
-96.1410, -25.2690

■ 172.9320,
-50.0190, -13.1150

■ 135.0910,
-108.1070, -28.6750

■ 180.9720,
-38.3280, -10.2320

■ 129.7310,
-115.9010, -30.5970

■ 188.1260,
-26.9580, -7.0380

■ 196.1660,
-15.2670, -4.1550

■ 203.3200, -3.8970,
-0.9610

■ 211.3600, 7.7940,
1.9220

■ 218.8130, 19.7600,
5.3280

■ 224.7600, 27.2790,
6.7270

Harmonies

Analogous

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



160.1020, -53.9140, -25.1300



157.7380, -73.0800, -19.1920



163.4760, -65.9300, -5.5940

Triad

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



157.7380, -73.0800, -19.1920



179.4720, 20.1230, 26.2910



173.0690, 29.9420, -14.0100

Complementary

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



157.7380, -73.0800, -19.1920



124.2620, 73.0800, 19.1920

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.



175.4720, 45.3450, -1.3030



157.7380, -73.0800, -19.1920



178.9010, 40.6640, 22.9680

Square

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



157.7380, -73.0800, -19.1920



177.6950, -8.4860, 21.6420



177.3560, 49.1480, 12.3800



169.8100, 5.5060, -22.7020

Rectangle

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



157.7380, -73.0800, -19.1920



169.5970, -49.7930, 4.8230



177.3560, 49.1480, 12.3800



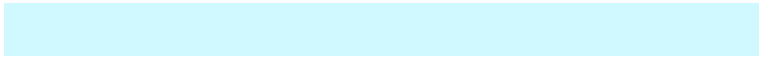
174.1130, 35.8100, -10.2220

Sweetspot

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



157.7380, -73.0800, -19.1920



237.1260, -26.9580, -7.0380



154.0200, -40.5650, -63.3250



116.6820, -16.7800, -4.2680



0.0000, 0.0000, 0.0000



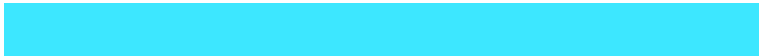
128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



157.7380, -73.0800, -19.1920



182.9060, -109.0240, -28.5760



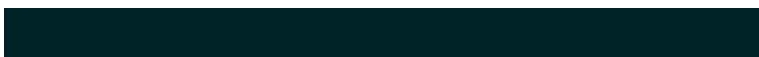
120.1700, -55.4800, 14.2800



98.4230, -5.6850, -1.5970



104.6260, -93.4360, -24.7320



24.2900, -21.5480, -5.9640

Inverse Universe

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



127.8660, 40.8860, 63.0140



138.3860, 61.0540, 93.9980



161.8300, 55.4800, -14.2800



96.0160, 3.0710, 4.9190



66.2780, 52.0700, 80.5980



15.2380, 11.7340, 18.6300

Previews

White Background



This preview shows how the YIQ color 157.7380, -73.0800, -19.1920 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 157.7380, -73.0800, -19.1920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

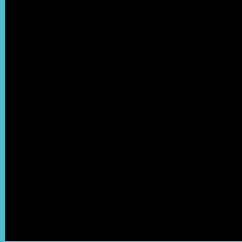
Any Text WCAG AA ✓ Pass

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 157.7380, -73.0800, -19.1920 Background



This preview shows how black text looks on a background with the YIQ color 157.7380, -73.0800, -19.1920.



This preview shows how white text looks on a background with the YIQ color 157.7380, -73.0800, -19.1920.

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

157.7380, -73.0800, -19.1920

Protanopia

174.2090, -7.6580, 6.6300

Deuteranopia

175.1580, -11.6480, 12.8640



Tritanopia

157.7380, -73.0800, -19.1920

Trichromacy



Original Color

157.7380, -73.0800, -19.1920



Protanomaly

168.3090, -31.7270, -3.2070



Deuteranomaly

168.6880, -34.1120, 1.4720



Tritanomaly

157.7380, -73.0800, -19.1920

Monochromacy



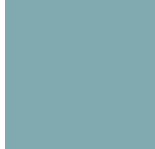
Original Color

157.7380, -73.0800, -19.1920



Achromatopsia

158.0000, -0.0000, 0.0000



Achromatomaly

158.0120, -26.6370, -7.3490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 157.7380, -73.0800, -19.1920 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(76, 190, 206)` looks like.

```
.text, #text, p{  
    color:rgb(76, 190, 206)  
}
```

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(76, 190, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 190, 206) }
```

Border

The CSS property to change the border of an element to YIQ 157.7380, -73.0800, -19.1920 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(76, 190, 206) }
```


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

```
.border{ border-color:rgb(76, 190, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 190, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 190, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 190, 206);  
box-shadow:4px 4px 4px 4px rgb(76, 190,  
206) }
```

Background

The CSS property to change the background color of an element to YIQ 157.7380, -73.0800, -19.1920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 190, 206) }
```

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

```
.background{ background-color: rgb(76, 190,  
206) }
```

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