

Converting Colors

YIQ(173.7550, -71.7500,
-21.2700)

Have a look what the booklet for
YIQ(173.7550, -71.7500, -21.2700)
contains.

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Color

**YIQ(173.7550, -71.7500,
-21.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCFD9
RGB	92, 207, 217
RGB Percent	36%, 81%, 85%
CMY	0.6395, 0.1880, 0.1493
CMYK	0.58, 0.05, 0.00, 0.15
HSL	185°, 62%, 61%
HSV	185°, 58%, 85%
XYZ	39.2461, 51.9268, 73.5492
YIQ	173.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

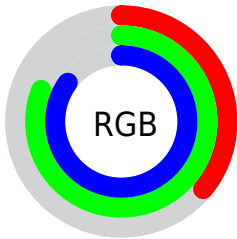
Format	Color
RYB	92, 152, 217
Decimal	6082521
CIELab	77.24, -29.56, -14.73
CIELCh	77, 33.025, 206.488
Yxy	51.9268, 0.2383, 0.3152
Android (android.graphics.Color)	4284272601 (0xFF5CCFD9)
YUV	173.7550, 21.3198, -71.6991
Hunter-Lab	72.0602, -28.8892, -10.0729

Details

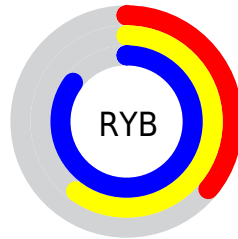
The YIQ color **173.7550, -71.7500, -21.2700** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **135.2450, 71.7500, 21.2700**, and the grayscale version is **174.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.5020, -60.7920, -21.6240**, and **107.9910, -93.2060, -28.9020** is the 20% darker color. If you saturate the color by 10%, you get **166.0030, -84.3120, -24.8880**, and if you desaturate by 10%, it is **181.5070, -59.1880, -17.6520**.

Distribution



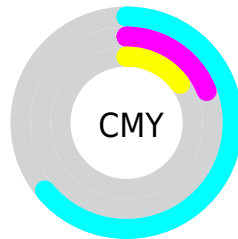
- Red (36%)
- Green (81%)
- Blue (85%)



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



- Cyan (58%)
- Magenta (5%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 173.7550, -71.7500, -21.2700 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 173.7550, -71.7500, -21.2700 by changing the saturation by 10% instead.

■ 173.7550,
-71.7500, -21.2700

■ 173.7550,
-71.7500, -21.2700

■ 255.0000, -0.0000,
-0.0000

■ 143.9610,
-75.3260, -22.5420

■ 224.5020,
-60.7920, -21.6240

■ 107.6920,
-93.8020, -29.1140

■ 233.4720,
-42.9120, -15.2640

■ 89.4660, -78.3060,
-23.6020

■ 242.4420,
-25.0320, -8.9040

■ 71.9410, -63.4060,
-18.3020

■ 251.4120, -7.1520,
-2.5440

■ 54.4160, -48.5060,
-13.0020

■ 38.2930, -34.7980,
-8.1260

■ 24.0450, -22.2360,

-4.5080

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 173.7550,
-71.7500, -21.2700

■ 173.7550,
-71.7500, -21.2700

■ 166.0030,
-84.3120, -24.8880

■ 181.5070,
-59.1880, -17.6520

■ 159.1370,
-96.5530, -28.8170

■ 188.3730,
-46.9470, -13.7230

■ 151.3850,
-109.1150, -32.4350

■ 196.1250,
-34.3850, -10.1050

■ 143.6330,
-121.6770, -36.0530

■ 203.8770,
-21.8230, -6.4870

■ 142.1380,
-124.6570, -37.1130

■ 211.3300, -9.8570,
-3.0810

■ 218.4950, 2.9800,
1.0600

■ 226.2470, 15.5420,
4.6780

■ 230.7100, 21.5480,
5.9640

■ 231.2970, 21.2730,
5.4410

Harmonies

Analogous

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



176.7990, -48.6870, -26.2470



173.7550, -71.7500, -21.2700



178.0300, -70.6060, -8.9580

Triad

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



173.7550, -71.7500, -21.2700



195.3620, 14.6210, 26.8850



189.7600, 35.3060, -12.1020

Complementary

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



173.7550, -71.7500, -21.2700



135.2450, 71.7500, 21.2700

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.



191.7330, 49.1040, 2.1600



173.7550, -71.7500, -21.2700



195.1120, 38.6920, 25.6680

Square

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



173.7550, -71.7500, -21.2700



192.7480, -16.0050, 20.2430



193.9480, 50.4770, 15.8290



186.0450, 12.1540, -22.0380

Rectangle

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



173.7550, -71.7500, -21.2700



183.5960, -57.2200, 1.7560



193.9480, 50.4770, 15.8290



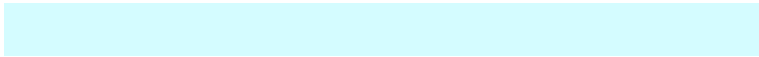
190.3310, 41.1280, -7.4800

Sweetspot

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



173.7550, -71.7500, -21.2700



240.3820, -24.8030, -7.5470



166.2870, -36.9430, -62.8870



118.4650, -14.6710, -3.9430



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.



173.7550, -71.7500, -21.2700



194.1580, -101.0460, -29.9900



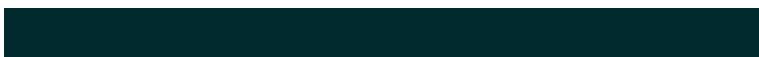
137.9480, -54.9750, 10.6330



106.1240, -6.2810, -1.8090



113.6420, -99.5330, -29.8770



29.8980, -26.3160, -7.6600

Inverse Universe

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



142.4850, 37.5850, 62.2650



150.0920, 52.8940, 87.6940



171.0520, 54.9750, -10.6330



103.4290, 3.3460, 5.4420



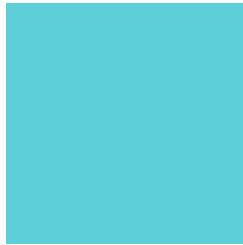
69.9670, 51.7480, 86.4360



18.5420, 13.9340, 22.8140

Previews

White Background



This preview shows how the YIQ color 173.7550, -71.7500, -21.2700 looks on a white background.

Color Contrast Check

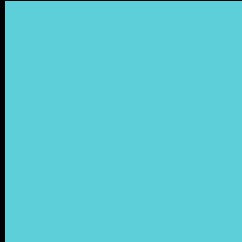
Large Text (above 18pt) WCAG AA × Fail

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 173.7550, -71.7500, -21.2700 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 173.7550, -71.7500, -21.2700 Background



This preview shows how black text looks on a background with the YIQ color 173.7550, -71.7500, -21.2700.



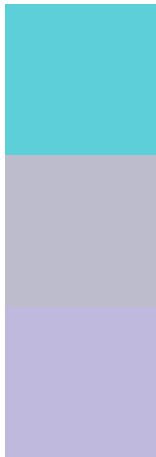
This preview shows how white text looks on a background with the YIQ color 173.7550, -71.7500, -21.2700.

-21.2700.

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

173.7550, -71.7500, -21.2700

Protanopia

189.9380, -5.4570, 5.2870

Deuteranopia

191.3110, -7.7050, 12.9910



Tritanopia

174.4500, -72.2090, -18.4570

Trichromacy



Original Color

173.7550, -71.7500, -21.2700



Protanomaly

184.0380, -29.5260, -4.5500



Deuteranomaly

185.0150, -30.7190, 0.5530



Tritanomaly

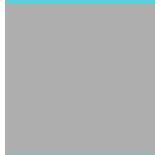
173.9230, -72.1630, -19.2910

Monochromacy



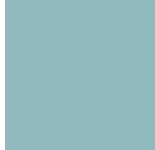
Original Color

173.7550, -71.7500, -21.2700



Achromatopsia

174.0000, -0.0000, -0.0000



Achromatomaly

173.8980, -26.3160, -7.6600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 173.7550, -71.7500, -21.2700 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(92, 207, 217)` looks like.

```
.text, #text, p{  
    color:rgb(92, 207, 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(92, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 207, 217) }
```

Border

The CSS property to change the border of an element to YIQ 173.7550, -71.7500, -21.2700 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(92, 207, 217) }
```


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

```
.border{ border-color:rgb(92, 207, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 207, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(92, 207,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 173.7550, -71.7500, -21.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 207, 217) }
```

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

```
.background{ background-color: rgb(92, 207,  
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](#).

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