

Converting Colors

YIQ(179.8920, -61.7100,
-15.9980)

Have a look what the booklet for
YIQ(179.8920, -61.7100, -15.9980)
contains.

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Color

**YIQ(179.8920, -61.7100,
-15.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	6FCFDD
RGB	111, 207, 221
RGB Percent	44%, 81%, 87%
CMY	0.5649, 0.1881, 0.1336
CMYK	0.50, 0.06, 0.00, 0.13
HSL	188°, 62%, 65%
HSV	188°, 50%, 87%
XYZ	41.9136, 53.2381, 76.4280
YIQ	179.8920, -61.7100, -15.9980

Conversions

Conversions Part 2

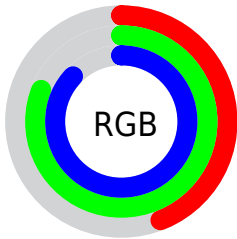
Format	Color
RYB	111, 162, 221
Decimal	7327709
CIELab	78.02, -24.66, -15.65
CIELCh	78, 29.208, 212.395
Yxy	53.2381, 0.2443, 0.3103
Android (android.graphics.Color)	4285517789 (0xFF6FCFDD)
YUV	179.8920, 20.2662, -60.4183
Hunter-Lab	72.9644, -25.1505, -11.0293

Details

The YIQ color **179.8920, -61.7100, -15.9980** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **152.1080, 61.7100, 15.9980**, and the grayscale version is **180.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **229.2860, -51.2560, -18.2320**, and **122.5000, -66.4780, -17.6940** is the 20% darker color. If you saturate the color by 10%, you get **171.5530, -73.9970, -19.0930**, and if you desaturate by 10%, it is **188.2310, -49.4230, -12.9030**.

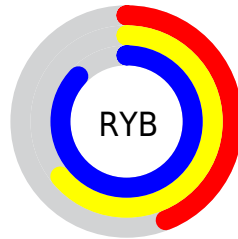
Distribution



Red (44%)

Green (81%)

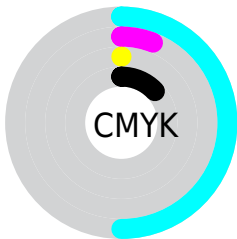
Blue (87%)



Red (44%)

Yellow (64%)

Blue (87%)

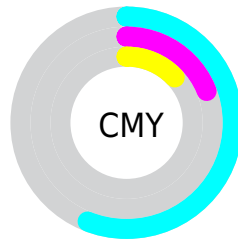


Cyan (50%)

Magenta (6%)

Yellow (0%)

Black (13%)



Cyan (56%)

Magenta (19%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.8920, -61.7100, -15.9980 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 179.8920, -61.7100, -15.9980 by changing the saturation by 10% instead.

■ 179.8920,
-61.7100, -15.9980

■ 179.8920,
-61.7100, -15.9980

■ 255.0000, -0.0000,
-0.0000

■ 151.2940,
-62.9020, -16.4220

■ 229.2860,
-51.2560, -18.2320

■ 122.5000,
-66.4780, -17.6940

■ 238.2560,
-33.3760, -11.8720

■ 89.9220, -79.5900,
-22.3580

■ 246.9270,
-16.0920, -5.7240

■ 72.2830, -64.3690,
-17.3690

■ 55.4590, -50.0650,
-12.2810

■ 39.2220, -36.0360,
-7.7160

■ 24.3870, -23.1990,

-3.5750

■ 3.3230, -7.9790,
6.9410

■ 0.0000, 0.0000,
0.0000

■ 179.8920,
-61.7100, -15.9980

■ 179.8920,
-61.7100, -15.9980

■ 171.5530,
-73.9970, -19.0930

■ 188.2310,
-49.4230, -12.9030

■ 163.2140,
-86.2840, -22.1880

■ 196.5700,
-37.1360, -9.8080

■ 155.4620,
-98.8460, -25.8060

■ 204.3220,
-24.5740, -6.1900

■ 147.1230,
-111.1330, -28.9010

■ 212.6610,
-12.2870, -3.0950

■ 138.4850,
-124.0160, -32.2080

■ 221.0000, 0.0000,
0.0000

■ 229.6380, 12.8830,
3.3070

■ 234.6880, 18.6140,
4.0700

■ 235.8620, 18.0640,
3.0240

■ 237.6230, 17.2390,
1.4550

Harmonies

Analogous

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



180.9890, -46.1660, -22.3740



179.8920, -61.7100, -15.9980



183.9070, -56.8980, -4.0820

Triad

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



179.8920, -61.7100, -15.9980



197.5210, 18.4270, 23.9870



191.3400, 27.7410, -12.6670

Complementary

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



179.8920, -61.7100, -15.9980



152.1080, 61.7100, 15.9980

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.



194.0310, 42.2730, -0.6950



179.8920, -61.7100, -15.9980



196.9930, 37.4090, 21.3850

Square

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



179.8920, -61.7100, -15.9980



195.6410, -8.3940, 19.9740



195.3880, 46.1220, 12.1540



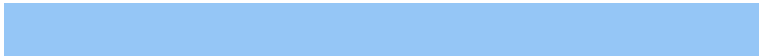
188.2770, 5.6890, -20.5110

Rectangle

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



179.8920, -61.7100, -15.9980



188.8210, -44.6120, 4.5400



195.3880, 46.1220, 12.1540



192.2700, 33.9300, -9.1900

Sweetspot

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



179.8920, -61.7100, -15.9980



240.7030, -21.2730, -5.4410



177.0520, -34.4230, -53.4870



119.3620, -12.8830, -3.3070



0.0000, 0.0000, 0.0000



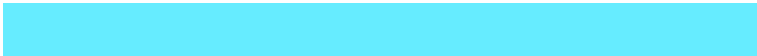
128.0000, -0.0000, -0.0000

Same Dimension

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



179.8920, -61.7100, -15.9980



198.1000, -85.9630, -22.4990



148.1940, -46.8600, 12.2440



105.5370, -6.0060, -1.2860



108.3590, -97.0580, -25.1700



28.7240, -25.7660, -6.6140

Inverse Universe

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



154.8340, 34.7440, 53.1760



163.0230, 48.1740, 74.1100



183.8060, 46.8600, -12.2440



103.3150, 3.6670, 5.1310



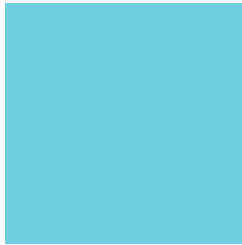
68.9410, 54.6370, 83.6370



18.3140, 14.5760, 22.1920

Previews

White Background



This preview shows how the YIQ color 179.8920, -61.7100, -15.9980 looks on a white background.

Color Contrast Check

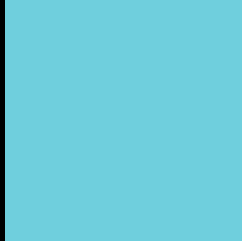
Large Text (above 18pt) WCAG AA × Fail

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 179.8920, -61.7100, -15.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

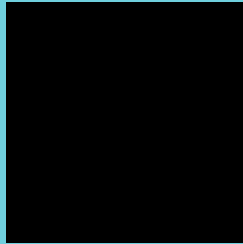
Any Text WCAG AA ✓ Pass

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 179.8920, -61.7100, -15.9980 Background



This preview shows how black text looks on a background with the YIQ color 179.8920, -61.7100, -15.9980.



This preview shows how white text looks on a background with the YIQ color 179.8920, -61.7100, -15.9980.

-15.9980.

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

179.8920, -61.7100, -15.9980

Protanopia

192.2800, -6.4200, 6.2200

Deuteranopia

193.4250, -8.0260, 13.3020



Tritanopia

180.4190, -61.7560, -15.1640

Trichromacy



Original Color

179.8920, -61.7100, -15.9980

Protanomaly

187.5870, -26.6380, -1.8220

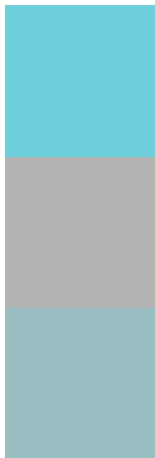
Deuteranomaly

188.4500, -27.5100, 2.9700

Tritanomaly

180.3050, -61.4350, -15.4750

Monochromacy



Original Color

179.8920, -61.7100, -15.9980

Achromatopsia

180.0000, -0.0000, -0.0000

Achromatomaly

180.1050, -22.4650, -5.8650

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.8920, -61.7100, -15.9980 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(111, 207, 221)` looks like.

```
.text, #text, p{  
    color:rgb(111, 207, 221)  
}
```

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(111, 207, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 207, 221) }
```

Border

The CSS property to change the border of an element to YIQ 179.8920, -61.7100, -15.9980 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(111, 207, 221) }
```


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

```
.border{ border-color:rgb(111, 207, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 207, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 207, 221); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 207, 221); box-shadow:4px 4px 4px 4px rgb(111, 207, 221) }
```

Background

The CSS property to change the background color of an element to YIQ 179.8920, -61.7100, -15.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 207, 221) }
```

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

```
.background{ background-color: rgb(111,  
207, 221) }
```

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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