

Converting Colors

YIQ(165.9920, -76.6110,
-15.7710)

Have a look what the booklet for
YIQ(165.9920, -76.6110, -15.7710)
contains.

YIQ(165.9920, -76.6110, -15.7710)	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(165.9920, -76.6110,
-15.7710)**

Conversions

Conversions Part 1	
Format	Color
Hex	53C5E0
RGB	83, 197, 224
RGB Percent	33%, 77%, 88%
CMY	0.6747, 0.2273, 0.1219
CMYK	0.63, 0.12, 0.00, 0.12
HSL	191°, 69%, 60%
HSV	191°, 63%, 88%
XYZ	36.9820, 47.1677, 77.6172
YIQ	165.9920, -76.6110, -15.7710

Conversions

Conversions Part 2

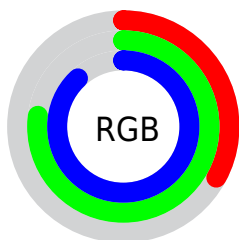
Format	Color
RYB	83, 146, 224
Decimal	5490144
CIELab	74.30, -24.19, -22.98
CIELCh	74, 33.361, 223.529
Yxy	47.1677, 0.2286, 0.2916
Android (android.graphics.Color)	4283680224 (0xFF53C5E0)
YUV	165.9920, 28.5979, -72.7840
Hunter-Lab	68.6787, -24.0694, -18.9314

Details

The YIQ color **165.9920, -76.6110, -15.7710** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **141.0080, 76.6110, 15.7710**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.8220, -64.6890, -22.5850**, and **103.2070, -93.5740, -22.2300** is the 20% darker color. If you saturate the color by 10%, you get **157.0660, -88.6230, -18.3430**, and if you desaturate by 10%, it is **174.9180, -64.5990, -13.1990**.

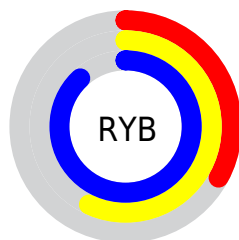
Distribution



Red (33%)

Green (77%)

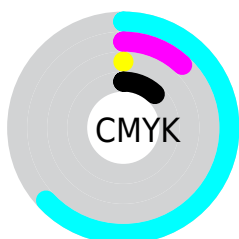
Blue (88%)



Red (33%)

Yellow (57%)

Blue (88%)

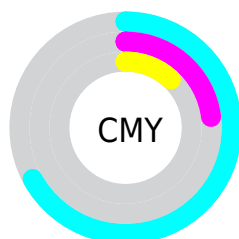


Cyan (63%)

Magenta (12%)

Yellow (0%)

Black (12%)



Cyan (67%)


Magenta (23%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 165.9920, -76.6110, -15.7710 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 165.9920, -76.6110, -15.7710 by changing the saturation by 10% instead.


 165.9920,
-76.6110, -15.7710


 165.9920,
-76.6110, -15.7710


 255.0000, -0.0000,
-0.0000


 135.5890,
-82.8460, -18.4140


 221.8220,
-64.6890, -22.5850


 103.2070,
-93.5740, -22.2300


 231.3790,
-47.0840, -16.7480


 84.8670, -77.7570,
-17.0290

 240.3490,
-29.2040, -10.3880

 67.3420, -62.8570,
-11.7290

 249.3190,
-11.3240, -4.0280

 50.4040, -48.2320,
-6.9520

 34.7540, -34.4780,
-2.9100

 20.5060, -21.9160,

0.7080

■ 3.4370, -8.3000,
7.2520

■ 0.0000, 0.0000,
0.0000

■ 165.9920,
-76.6110, -15.7710

■ 165.9920,
-76.6110, -15.7710

■ 157.0660,
-88.6230, -18.3430

■ 174.9180,
-64.5990, -13.1990

■ 147.8410,
-101.2310, -21.1270


■ 184.7300,
-52.2660, -10.9380

■ 138.3280,
-112.9680, -23.1760

■ 193.6560,
-40.2540, -8.3660


■ 131.7830,
-121.6790, -24.9990

■ 202.8810,
-27.6460, -5.5820

 211.8070,
-15.6340, -3.0100

 221.3200, -3.8970,
-0.9610

 230.5450, 8.7110,
1.8230

 237.3780, 16.5510,
2.9110

 239.7260, 15.4510,
0.8190

Harmonies

Analogous

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



166.0560, -65.4680, -24.9880



165.9920, -76.6110, -15.7710



174.2750, -60.7500, -0.3500

Triad

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



165.9920, -76.6110, -15.7710



187.3760, 29.2010, 26.9690



179.4270, 22.8820, -18.2220

Complementary

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



165.9920, -76.6110, -15.7710



141.0080, 76.6110, 15.7710

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.



182.3420, 42.5950, -6.5330



165.9920, -76.6110, -15.7710



186.2560, 46.8540, 20.9180

Square

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



165.9920, -76.6110, -15.7710



186.6640, 1.9670, 24.9350



184.2050, 50.8910, 8.3230



175.5530, -4.0760, -25.2600

Rectangle

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



165.9920, -76.6110, -15.7710



179.6630, -40.9910, 10.5050



184.2050, 50.8910, 8.3230



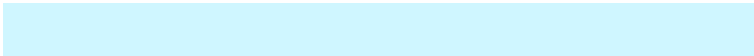
180.4280, 30.3090, -15.1550

Sweetspot

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



165.9920, -76.6110, -15.7710



235.3650, -26.1330, -5.4690



168.7310, -47.1210, -65.6570



115.5080, -16.2300, -3.2220



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.



165.9920, -76.6110, -15.7710



175.2750, -105.4490, -21.7770



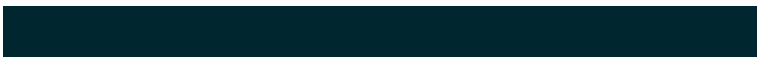
125.4890, -57.6360, 20.3160



107.5370, -6.0060, -1.2860



103.4180, -95.5460, -19.5300



28.3650, -26.1330, -5.4690

Inverse Universe

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



138.1550, 47.4420, 65.3460



136.9040, 65.2270, 89.9550



181.5110, 57.6360, -20.3160



105.3150, 3.6670, 5.1310



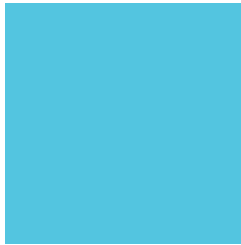
68.8120, 59.3140, 81.4740



18.7980, 16.0890, 22.3050

Previews

White Background



This preview shows how the YIQ color 165.9920, -76.6110, -15.7710 looks on a white background.

Color Contrast Check

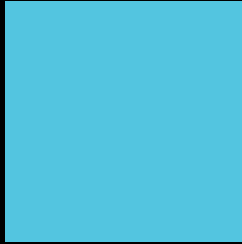
Large Text (above 18pt) WCAG AA × Fail

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 165.9920, -76.6110, -15.7710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

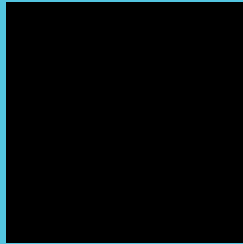
Any Text WCAG AA ✓ Pass

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 165.9920, -76.6110, -15.7710 Background



This preview shows how black text looks on a background with the YIQ color 165.9920, -76.6110, -15.7710.



This preview shows how white text looks on a background with the YIQ color 165.9920, -76.6110, -15.7710.

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

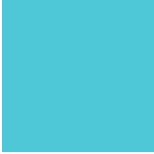
165.9920, -76.6110, -15.7710

Protanopia

182.1530, -13.2520, 8.8920

Deuteranopia

182.8030, -17.8380, 14.9140



Tritanopia

164.6450, -77.2520, -20.6760

Trichromacy



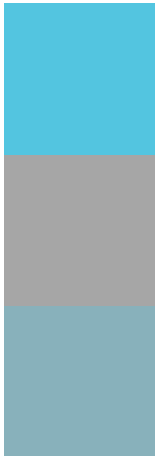
Original Color
165.9920, -76.6110, -15.7710

Protanomaly
176.2640, -35.8540, 0.0020

Deuteranomaly
176.9310, -39.1100, 3.9460

Tritanomaly
164.9980, -76.7480, -18.7960

Monochromacy



Original Color
165.9920, -76.6110, -15.7710

Achromatopsia
166.0000, -0.0000, 0.0000

Achromatomaly
165.8810, -27.6460, -5.5820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.9920, -76.6110, -15.7710 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(83, 197, 224)` looks like.

```
.text, #text, p{  
    color:rgb(83, 197, 224)  
}
```

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(83, 197, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 197, 224) }
```

Border

The CSS property to change the border of an element to YIQ 165.9920, -76.6110, -15.7710 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(83, 197, 224) }
```


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

```
.border{ border-color:rgb(83, 197, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 197, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 197, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 197, 224);  
box-shadow:4px 4px 4px 4px rgb(83, 197,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 165.9920, -76.6110, -15.7710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 197, 224) }
```

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

```
.background{ background-color: rgb(83, 197,  
224) }
```

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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