

Converting Colors

YIQ(176.6220, -78.4450,
-15.5730)

Have a look what the booklet for
YIQ(176.6220, -78.4450, -15.5730)
contains.

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Color

**YIQ(176.6220, -78.4450,
-15.5730)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD0ED
RGB	92, 208, 237
RGB Percent	36%, 82%, 93%
CMY	0.6394, 0.1841, 0.0709
CMYK	0.61, 0.12, 0.00, 0.07
HSL	192°, 80%, 64%
HSV	192°, 61%, 93%
XYZ	42.2485, 53.5169, 88.1586
YIQ	176.6220, -78.4450, -15.5730

Conversions

Conversions Part 2

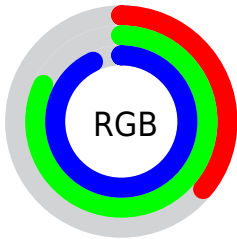
Format	Color
RYP	92, 156, 237
Decimal	6082797
CIELab	78.18, -24.36, -24.03
CIElCh	78, 34.216, 224.613
Yxy	53.5169, 0.2297, 0.2910
Android (android.graphics.Color)	4284272877 (0xFF5CD0ED)
YUV	176.6220, 29.7664, -74.2135
Hunter-Lab	73.1553, -24.9348, -20.2411

Details

The YIQ color **176.6220, -78.4450, -15.5730** 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 **152.3780, 78.4450, 15.5730**, and the grayscale version is **176.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **224.8010, -60.1960, -21.4120**, and **110.4450, -100.1760, -23.7280** is the 20% darker color. If you saturate the color by 10%, you get **166.5110, -91.3740, -18.0460**, and if you desaturate by 10%, it is **186.7330, -65.5160, -13.1000**.

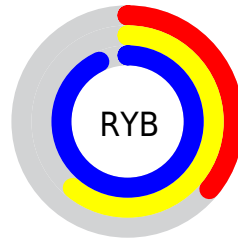
Distribution



Red (36%)

Green (82%)

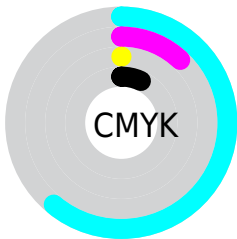
Blue (93%)



Red (36%)

Yellow (61%)

Blue (93%)

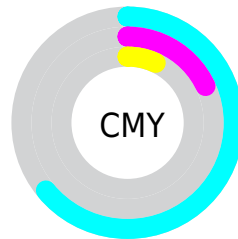


Cyan (61%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (64%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 176.6220, -78.4450, -15.5730 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 176.6220, -78.4450, -15.5730 by changing the saturation by 10% instead.

■ 176.6220,
-78.4450, -15.5730

■ 176.6220,
-78.4450, -15.5730

■ 255.0000, -0.0000,
-0.0000

■ 146.2300,
-83.2130, -17.2690

■ 224.8010,
-60.1960, -21.4120

■ 110.4450,
-100.1760, -23.7280

■ 234.0700,
-41.7200, -14.8400

■ 92.1050, -84.3590,
-18.5270

■ 243.0400,
-23.8400, -8.4800

■ 74.4660, -69.1380,
-13.5380

■ 252.3090, -5.3640,
-1.9080

■ 57.5280, -54.5130,
-8.7610

■ 40.7040, -40.2090,
-3.6730

■ 26.3420, -27.3260,

-0.3660

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,
2.7990

■ 176.6220,
-78.4450, -15.5730

■ 176.6220,
-78.4450, -15.5730

■ 166.5110,
-91.3740, -18.0460

■ 186.7330,
-65.5160, -13.1000

■ 157.2860,
-103.9820, -20.8300

■ 195.9580,
-52.9080, -10.3160

■ 147.1750,
-116.9110, -23.3030

■ 206.0690,
-39.9790, -7.8430

■ 138.5480,
-128.3270, -25.6630

■ 216.1800,
-27.0500, -5.3700

■ 225.9920,
-14.7170, -3.1090

■ 235.5160, -1.5130,
-0.1130

■ 244.7300, 9.6280,
1.7240

■ 247.6650, 8.2530,
-0.8910

■ 250.6000, 6.8780,
-3.5060

Harmonies

Analogous

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



175.9740, -68.1730, -25.5250



176.6220, -78.4450, -15.5730



184.9160, -61.1170, 0.7950

Triad

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



176.6220, -78.4450, -15.5730



197.9850, 31.8600, 28.3400



189.7860, 23.2490, -19.3670

Complementary

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



176.6220, -78.4450, -15.5730



152.3780, 78.4450, 15.5730

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.



193.1140, 43.2370, -7.1550



176.6220, -78.4450, -15.5730



196.4410, 47.7710, 20.8190

Square

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



176.6220, -78.4450, -15.5730



197.7890, 3.1130, 26.1930



195.4610, 53.0460, 7.8140



186.1290, -5.8180, -26.7300

Rectangle

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



176.6220, -78.4450, -15.5730



191.0760, -40.7160, 11.0280



195.4610, 53.0460, 7.8140



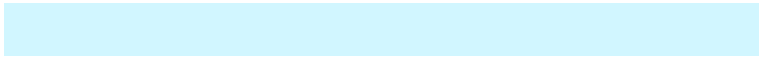
191.2000, 30.9510, -15.7770

Sweetspot

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



176.6220, -78.4450, -15.5730



235.9630, -24.9410, -5.0450



180.1930, -48.5420, -67.4380



115.8070, -15.6340, -3.0100



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.



176.6220, -78.4450, -15.5730



177.6670, -100.6810, -20.0810



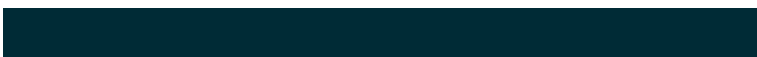
135.5320, -59.1950, 21.0370



112.5370, -6.0060, -1.2860



105.7490, -97.9760, -19.5440



31.3970, -29.1590, -5.6950

Inverse Universe

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



148.5790, 49.1840, 66.8160



141.6000, 63.0270, 85.7710



193.4680, 59.1950, -21.0370



110.3150, 3.6670, 5.1310



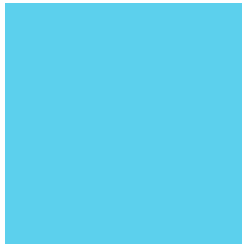
70.6490, 61.3310, 83.4670



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 176.6220, -78.4450, -15.5730 looks on a white background.

Color Contrast Check

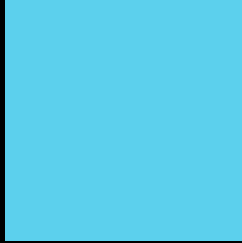
Large Text (above 18pt) WCAG AA × Fail

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 176.6220, -78.4450, -15.5730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

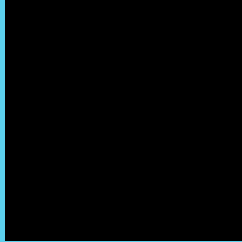
Any Text WCAG AA ✓ Pass

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 176.6220, -78.4450, -15.5730 Background



This preview shows how black text looks on a background with the YIQ color 176.6220, -78.4450, -15.5730.



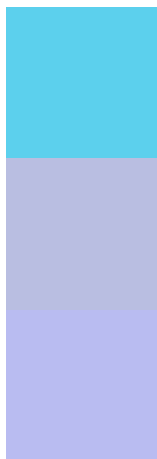
This preview shows how white text looks on a background with the YIQ color 176.6220, -78.4450, -15.5730.

-15.5730.

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

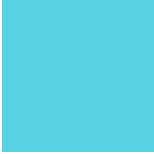
176.6220, -78.4450, -15.5730

Protanopia

192.4950, -14.2150, 9.8250

Deuteranopia

193.1450, -18.8010, 15.8470



Tritanopia

175.1610, -78.7650, -20.7890

Trichromacy



Original Color

176.6220, -78.4450, -15.5730

Protanomaly

186.8940, -37.6880, 0.2000

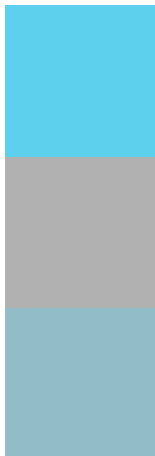
Deuteranomaly

186.9740, -40.6690, 4.6670

Tritanomaly

175.6280, -78.5820, -18.5980

Monochromacy



Original Color

176.6220, -78.4450, -15.5730

Achromatopsia

177.0000, -0.0000, 0.0000

Achromatomaly

176.6960, -28.5630, -5.4830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 176.6220, -78.4450, -15.5730 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, 208, 237)` looks like.

```
.text, #text, p{  
    color:rgb(92, 208, 237)  
}
```

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, 208, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 208, 237) }
```

Border

The CSS property to change the border of an element to YIQ 176.6220, -78.4450, -15.5730 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, 208, 237) }
```


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

```
.border{ border-color:rgb(92, 208, 237) }
```

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

Here you see how a box with a 4 pixel rgb(92, 208, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 208, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 208, 237);  
box-shadow:4px 4px 4px 4px rgb(92, 208,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 176.6220, -78.4450, -15.5730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 208, 237) }
```

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

```
.background{ background-color: rgb(92, 208,  
237) }
```

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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