

Converting Colors

YIQ(179.4260, -80.8290,
-16.4210)

Have a look what the booklet for
YIQ(179.4260, -80.8290, -16.4210)
contains.

YIQ(179.4260, -80.8290, -16.4210)	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(179.4260, -80.8290,
-16.4210)**

Conversions

Conversions Part 1

Format	Color
Hex	5CD4F1
RGB	92, 212, 241
RGB Percent	36%, 83%, 95%
CMY	0.6395, 0.1684, 0.0552
CMYK	0.62, 0.12, 0.00, 0.06
HSL	192°, 84%, 65%
HSV	192°, 62%, 94%
XYZ	43.8270, 55.7297, 91.5975
YIQ	179.4260, -80.8290, -16.4210

Conversions

Conversions Part 2

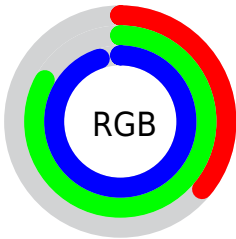
Format	Color
R _Y B	92, 158, 241
Decimal	6083825
CIE Lab	79.46, -25.18, -24.22
CIE LCh	79, 34.936, 223.879
Yxy	55.7297, 0.2293, 0.2915
Android (android.graphics.Color)	4284273905 (0xFF5CD4F1)
YUV	179.4260, 30.3560, -76.6726
Hunter-Lab	74.6523, -25.8474, -20.4915

Details

The YIQ color **179.4260, -80.8290, -16.4210** 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 **153.5740, 80.8290, 16.4210**, and the grayscale version is **179.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **225.1000, -59.6000, -21.2000**, and **113.2490, -102.5600, -24.5760** is the 20% darker color. If you saturate the color by 10%, you get **169.3150, -93.7580, -18.8940**, and if you desaturate by 10%, it is **189.5370, -67.9000, -13.9480**.

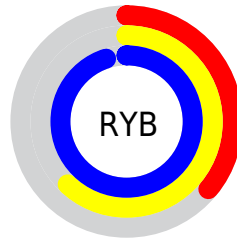
Distribution



Red (36%)

Green (83%)

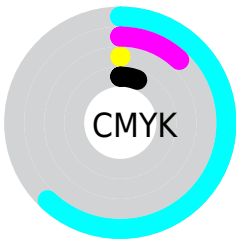
Blue (95%)



Red (36%)

Yellow (62%)

Blue (95%)

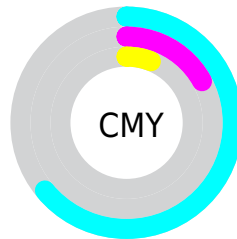


Cyan (62%)

Magenta (12%)

Yellow (0%)

Black (6%)



Cyan (64%)

Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 179.4260, -80.8290, -16.4210 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 179.4260, -80.8290, -16.4210 by changing the saturation by 10% instead.

179.4260,
-80.8290, -16.4210

179.4260,
-80.8290, -16.4210

255.0000, -0.0000,
-0.0000

148.7350,
-86.1930, -18.3290

225.1000,
-59.6000, -21.2000

113.2490,
-102.5600, -24.5760

234.3690,
-41.1240, -14.6280

94.9090, -86.7430,
-19.3750

243.3390,
-23.2440, -8.2680

76.6830, -71.2470,
-13.8630

252.6080, -4.7680,
-1.6960

59.6310, -56.3010,
-9.3970

43.3940, -42.2720,
-4.8320

27.8580, -28.8390,

-0.4790

■ 5.3920, -12.4270,
10.4610

■ 2.1830, -4.7690,
3.8310

■ 179.4260,
-80.8290, -16.4210

■ 179.4260,
-80.8290, -16.4210

■ 169.3150,
-93.7580, -18.8940

■ 189.5370,
-67.9000, -13.9480

■ 159.7910,
-106.9620, -21.8900

■ 199.0610,
-54.6960, -10.9520

■ 149.6800,
-119.8910, -24.3630

■ 209.1720,
-41.7670, -8.4790

■ 141.3520,
-130.7110, -26.5110

■ 219.2830,
-28.8380, -6.0060

228.8070,
-15.6340, -3.0100

238.9180, -2.7050,
-0.5370

247.5340, 7.2440,
0.8760

249.8820, 6.1440,
-1.2160

252.8170, 4.7690,
-3.8310

Harmonies

Analogous

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



178.9630, -69.6400, -26.4720



179.4260, -80.8290, -16.4210



187.3780, -62.5380, -0.9860

Triad

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



179.4260, -80.8290, -16.4210



201.5120, 31.8140, 29.1740



193.5580, 23.8910, -19.9890

Complementary

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



179.4260, -80.8290, -16.4210



153.5740, 80.8290, 16.4210

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.



196.5980, 44.7500, -7.0420



179.4260, -80.8290, -16.4210



198.6580, 45.6620, 20.4940

Square

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



179.4260, -80.8290, -16.4210



201.0170, 2.4710, 26.8150



198.1730, 53.9170, 8.5490



189.3140, -4.9010, -26.8290

Rectangle

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



179.4260, -80.8290, -16.4210



193.7230, -41.2200, 9.1480



198.1730, 53.9170, 8.5490



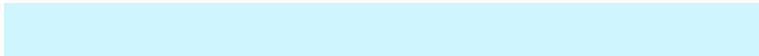
194.3850, 31.8680, -15.8760

Sweetspot

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



179.4260, -80.8290, -16.4210



235.3650, -26.1330, -5.4690



182.5410, -49.6420, -69.5300



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.



179.4260, -80.8290, -16.4210



176.7700, -102.4690, -20.7170



136.5750, -60.7540, 21.7580



115.2380, -6.6020, -1.4980



107.8520, -99.7640, -20.1800



32.7990, -30.3510, -6.1190

Inverse Universe

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



150.2310, 50.2840, 68.9080



139.8390, 63.8520, 87.3400



196.4250, 60.7540, -21.7580



112.7280, 3.9420, 5.6540



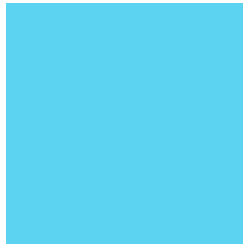
71.8880, 62.1560, 85.0360



21.8740, 18.9310, 25.8670

Previews

White Background



This preview shows how the YIQ color 179.4260, -80.8290, -16.4210 looks on a white background.

Color Contrast Check

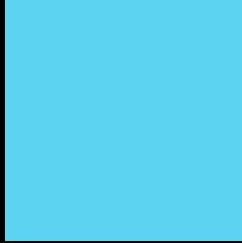
Large Text (above 18pt) WCAG AA × Fail

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 179.4260, -80.8290, -16.4210 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 179.4260, -80.8290, -16.4210 Background



This preview shows how black text looks on a background with the YIQ color 179.4260, -80.8290, -16.4210.



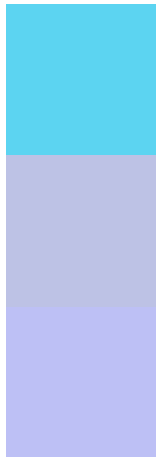
This preview shows how white text looks on a background with the YIQ color 179.4260, -80.8290, -16.4210.

-16.4210.

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

179.4260, -80.8290, -16.4210

Protanopia

196.4950, -14.2150, 9.8250

Deuteranopia

197.1450, -18.8010, 15.8470



Tritanopia

177.9650, -81.1490, -21.6370

Trichromacy



Original Color

179.4260, -80.8290, -16.4210

Protanomaly

190.5950, -38.2840, -0.0120

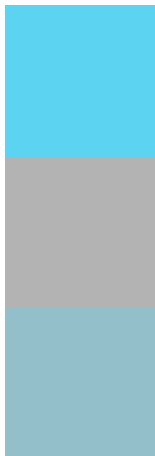
Deuteranomaly

190.6750, -41.2650, 4.4550

Tritanomaly

178.4320, -80.9660, -19.4460

Monochromacy



Original Color

179.4260, -80.8290, -16.4210

Achromatopsia

179.0000, -0.0000, -0.0000

Achromatomaly

179.0980, -29.7550, -5.9070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 179.4260, -80.8290, -16.4210 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, 212, 241)` looks like.

```
.text, #text, p{  
    color:rgb(92, 212, 241)  
}
```

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, 212, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 212, 241) }
```

Border

The CSS property to change the border of an element to YIQ 179.4260, -80.8290, -16.4210 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, 212, 241) }
```


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

```
.border{ border-color:rgb(92, 212, 241) }
```

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

Here you see how a box with a 4 pixel rgb(92, 212, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 212, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 212, 241);  
box-shadow:4px 4px 4px 4px rgb(92, 212,  
241) }
```

Background

The CSS property to change the background color of an element to YIQ 179.4260, -80.8290, -16.4210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 212, 241) }
```

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

```
.background{ background-color: rgb(92, 212,  
241) }
```

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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