

Converting Colors

YIQ(185.3120, -80.5080,
-16.7320)

Have a look what the booklet for
YIQ(185.3120, -80.5080, -16.7320)
contains.

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Color

**YIQ(185.3120, -80.5080,
-16.7320)**

Conversions

Conversions Part 1

Format	Color
Hex	62DAF6
RGB	98, 218, 246
RGB Percent	38%, 85%, 96%
CMY	0.6159, 0.1449, 0.0356
CMYK	0.60, 0.11, 0.00, 0.04
HSL	191°, 89%, 67%
HSV	191°, 60%, 96%
XYZ	46.7353, 59.4104, 96.1229
YIQ	185.3120, -80.5080, -16.7320

Conversions

Conversions Part 2

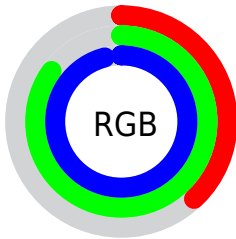
Format	Color
RYP	98, 164, 246
Decimal	6478582
CIELab	81.52, -25.69, -23.73
CIElCh	82, 34.969, 222.731
Yxy	59.4104, 0.2311, 0.2937
Android (android.graphics.Color)	4284668662 (0xFF62DAF6)
YUV	185.3120, 29.9192, -76.5726
Hunter-Lab	77.0781, -26.6555, -19.9849

Details

The YIQ color **185.3120, -80.5080, -16.7320** is a light color, and the websafe version is hex **33CCFF**. A complement of this color would be **158.6880, 80.5080, 16.7320**, and the grayscale version is **185.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.8940, -56.0240, -19.9280**, and **117.3410, -105.8150, -26.1590** is the 20% darker color. If you saturate the color by 10%, you get **174.9020, -94.0330, -19.4170**, and if you desaturate by 10%, it is **195.7220, -66.9830, -14.0470**.

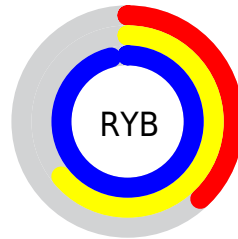
Distribution



Red (38%)

Green (85%)

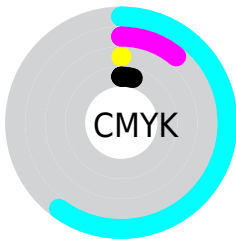
Blue (96%)



Red (38%)

Yellow (64%)

Blue (96%)

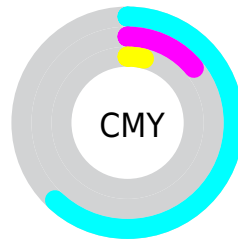


Cyan (60%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (62%)

Magenta (14%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 185.3120, -80.5080, -16.7320 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 185.3120, -80.5080, -16.7320 by changing the saturation by 10% instead.

185.3120,
-80.5080, -16.7320

185.3120,
-80.5080, -16.7320

255.0000, -0.0000,
-0.0000

155.1050,
-84.3590, -18.5270

226.8940,
-56.0240, -19.9280

117.3410,
-105.8150, -26.1590

235.8640,
-38.1440, -13.5680

98.3000, -89.4020,
-20.7460

245.1330,
-19.6680, -6.9960

80.6610, -74.1810,
-15.7570

254.1030, -1.7880,
-0.6360

63.1360, -59.2810,
-10.4570

46.1980, -44.6560,
-5.6800

30.6620, -31.2230,

-1.3270

■ 12.3050, -16.7360,
5.9520

■ 2.7530, -6.3740,
5.3860

■ 185.3120,
-80.5080, -16.7320

■ 185.3120,
-80.5080, -16.7320

■ 174.9020,
-94.0330, -19.4170

■ 195.7220,
-66.9830, -14.0470

■ 165.3780,
-107.2370, -22.4130

■ 205.2460,
-53.7790, -11.0510

■ 154.9680,
-120.7620, -25.0980

■ 215.6560,
-40.2540, -8.3660

■ 145.4440,
-133.9660, -28.0940

■ 225.7670,
-27.3250, -5.8930

■ 235.5900,
-13.5250, -2.6850

■ 245.7010, -0.5960,
-0.2120

■ 251.0390, 4.2640,
-0.1840

■ 253.9740, 2.8890,
-2.7990

Harmonies

Analogous

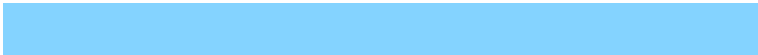
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185.4470, -68.1270, -26.3590



185.3120, -80.5080, -16.7320



192.3950, -61.2080, -3.0640

Triad

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



185.3120, -80.5080, -16.7320



207.3270, 30.8970, 29.2730



199.1560, 25.0830, -19.5650

Complementary

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



185.3120, -80.5080, -16.7320



158.6880, 80.5080, 16.7320

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.



202.3100, 45.6210, -6.3070



185.3120, -80.5080, -16.7320



202.3910, 42.0400, 20.0560

Square

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



185.3120, -80.5080, -16.7320



206.8320, 1.5540, 26.9140



202.4930, 50.0200, 7.5880



195.4990, -3.9840, -26.9280

Rectangle

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



185.3120, -80.5080, -16.7320



198.4410, -40.4860, 6.8580



202.4930, 50.0200, 7.5880



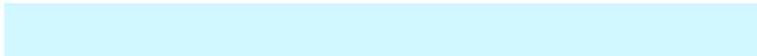
200.2820, 33.6560, -15.2400

Sweetspot

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



185.3120, -80.5080, -16.7320



235.9630, -24.9410, -5.0450



187.9540, -49.3670, -69.0070



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.



185.3120, -80.5080, -16.7320



179.4390, -100.0390, -20.7030



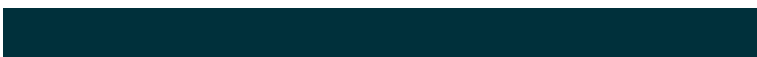
142.4610, -60.4330, 21.4470



117.2380, -6.6020, -1.4980



109.8410, -101.2310, -21.1270



34.9020, -32.1390, -6.7550

Inverse Universe

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



155.9320, 49.6880, 68.6960



143.0020, 61.8350, 85.3470



201.5390, 60.4330, -21.4470



114.7280, 3.9420, 5.6540



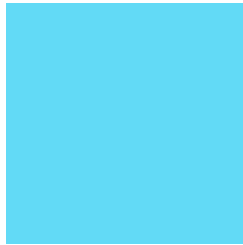
72.8280, 62.3850, 86.3930



23.1130, 19.7560, 27.4360

Previews

White Background



This preview shows how the YIQ color 185.3120, -80.5080, -16.7320 looks on a white background.

Color Contrast Check

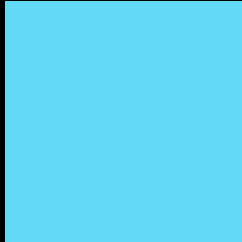
Large Text (above 18pt) WCAG AA × Fail

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 185.3120, -80.5080, -16.7320 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 185.3120, -80.5080, -16.7320 Background



This preview shows how black text looks on a background with the YIQ color 185.3120, -80.5080, -16.7320.



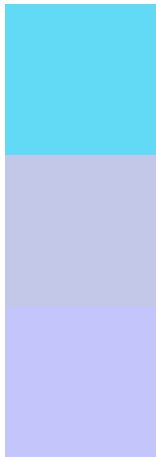
This preview shows how white text looks on a background with the YIQ color 185.3120, -80.5080, -16.7320.

-16.7320.

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

185.3120, -80.5080, -16.7320

Protanopia

202.2670, -13.5730, 9.2030

Deuteranopia

202.8570, -17.9300, 16.5820



Tritanopia

183.6770, -80.2780, -20.9020

Trichromacy



Original Color

185.3120, -80.5080, -16.7320

Protanomaly

196.4810, -37.9630, -0.3230

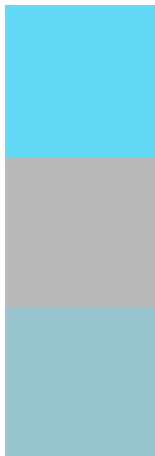
Deuteranomaly

196.5610, -40.9440, 4.1440

Tritanomaly

184.3180, -80.6450, -19.7570

Monochromacy



Original Color

185.3120, -80.5080, -16.7320

Achromatopsia

185.0000, -0.0000, -0.0000

Achromatomaly

184.9840, -29.4340, -6.2180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 185.3120, -80.5080, -16.7320 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(98, 218, 246)` looks like.

```
.text, #text, p{  
    color:rgb(98, 218, 246)  
}
```

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(98, 218, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 218, 246) }
```

Border

The CSS property to change the border of an element to YIQ 185.3120, -80.5080, -16.7320 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(98, 218, 246) }
```


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

```
.border{ border-color:rgb(98, 218, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 218, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 218, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 218, 246);  
box-shadow:4px 4px 4px 4px rgb(98, 218,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 185.3120, -80.5080, -16.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 218, 246) }
```

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

```
.background{ background-color: rgb(98, 218,  
246) }
```

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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