

Converting Colors

YIQ(165.3250, -81.3820,
-0.8860)

Have a look what the booklet for
YIQ(165.3250, -81.3820, -0.8860)
contains.

YIQ(165.3250, -81.3820, -0.8860)	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(165.3250, -81.3820,
-0.8860)**

Conversions

Conversions Part 1

Format	Color
Hex	57BCFE
RGB	87, 188, 254
RGB Percent	34%, 74%, 100%
CMY	0.6590, 0.2626, 0.0043
CMYK	0.66, 0.26, 0.00, 0.00
HSL	204°, 99%, 67%
HSV	204°, 66%, 100%
XYZ	39.7922, 45.1581, 100.3050
YIQ	165.3250, -81.3820, -0.8860

Conversions

Conversions Part 2

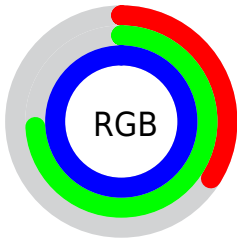
Format	Color
R_{YB}	87, 150, 254
Decimal	5750014
CIE Lab	73.00, -9.56, -41.16
CIE LCh	73, 42.258, 256.927
Yxy	45.1581, 0.2148, 0.2438
Android (android.graphics.Color)	4283940094 (0xFF57BCFE)
YUV	165.3250, 43.7168, -68.6910
Hunter-Lab	67.1998, -11.9013, -41.4587

Details

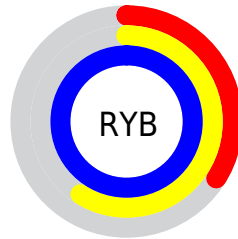
The YIQ color **165.3250, -81.3820, -0.8860** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted azure. A complement of this color would be **175.6750, 81.3820, 0.8860**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.4470, -58.9590, -16.2950**, and **101.7030, -100.3620, -9.3380** is the 20% darker color. If you saturate the color by 10%, you get **151.9800, -93.5320, -0.9560**, and if you desaturate by 10%, it is **178.6700, -69.2320, -0.8160**.

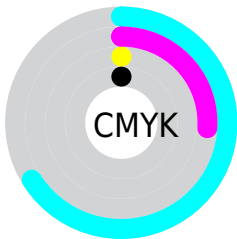
Distribution



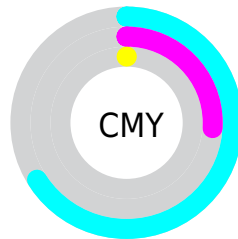
- Red (34%)
- Green (74%)
- Blue (100%)



- Red (34%)
- Yellow (59%)
- Blue (100%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)
- Black (0%)



- Cyan (66%)
- Magenta (26%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 165.3250, -81.3820, -0.8860 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 165.3250, -81.3820, -0.8860 by changing the saturation by 10% instead.

■ 165.3250,
-81.3820, -0.8860

■ 165.3250,
-81.3820, -0.8860

■ 255.0000, -0.0000,
-0.0000

■ 134.5090,
-87.8920, -4.0520

■ 217.4470,
-58.9590, -16.2950

■ 101.7030,
-100.3620, -9.3380

■ 233.1730,
-43.5080, -15.4760

■ 83.8360, -84.4990,
-4.9710

■ 242.4420,
-25.0320, -8.9040

■ 66.7840, -69.5530,
-0.5050

■ 251.7110, -6.5560,
-2.3320

■ 50.3190, -54.8820,
3.4380

■ 34.5550, -40.8070,
7.1690

■ 20.0790, -27.6030,

10.1650

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 165.3250,
-81.3820, -0.8860

■ 165.3250,
-81.3820, -0.8860

■ 151.9800,
-93.5320, -0.9560

■ 178.6700,
-69.2320, -0.8160

■ 138.3360,
-106.2780, -1.2380

■ 192.3140,
-56.4860, -0.5340

■ 124.9910,
-118.4280, -1.3080

■ 205.6590,
-44.3360, -0.4640

■ 119.3540,
-123.8840, -1.5480

■ 219.3030,
-31.5900, -0.1820

■ 232.6480,
-19.4400, -0.1120

■ 245.9930, -7.2900,
-0.0420

254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



141.8420, -129.3350, -29.4230



165.3250, -81.3820, -0.8860



178.8090, -35.1700, 20.6540

Triad

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



165.3250, -81.3820, -0.8860



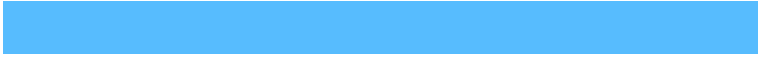
181.5350, 59.3700, 25.3700



168.8030, -10.9520, -32.8080

Complementary

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



165.3250, -81.3820, -0.8860



175.6750, 81.3820, 0.8860

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.



174.2820, 24.4880, -25.3040



165.3250, -81.3820, -0.8860



180.1370, 62.7660, 7.8700

Square

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



165.3250, -81.3820, -0.8860



183.2790, 40.0200, 34.6440



177.7140, 50.1150, -10.6610



160.7670, -54.8290, -36.0850

Rectangle

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



165.3250, -81.3820, -0.8860



183.2210, -6.7910, 29.4730



177.7140, 50.1150, -10.6610



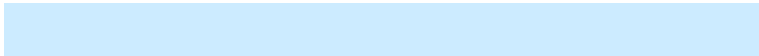
171.3870, 2.0230, -31.1690

Sweetspot

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



165.3250, -81.3820, -0.8860



228.0110, -24.8960, -0.3520



192.3250, -66.4690, -67.4370



111.1000, -14.9010, 0.2270



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.



165.3250, -81.3820, -0.8860



148.5280, -98.0710, -1.2950



117.1910, -58.8320, 42.0000



120.5910, -6.0980, 0.3820



89.8660, -93.2110, -1.2670



30.1890, -31.2690, -0.4930

Inverse Universe

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



148.4470, 67.1110, 66.8150



128.0070, 80.6340, 80.5540



223.2220, 59.1070, -41.4770



119.6850, 5.5010, 4.9330



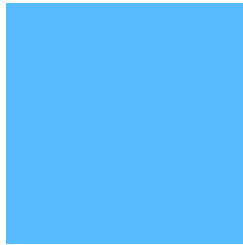
70.3330, 76.6000, 76.5680



23.5820, 25.6250, 25.6970

Previews

White Background



This preview shows how the YIQ color 165.3250, -81.3820, -0.8860 looks on a white background.

Color Contrast Check

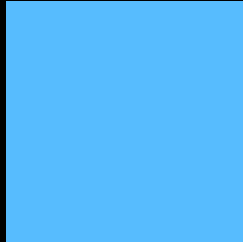
Large Text (above 18pt) WCAG AA × Fail

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 165.3250, -81.3820, -0.8860 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

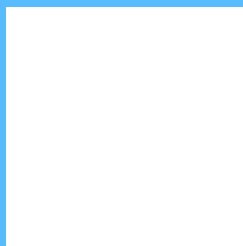
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 165.3250, -81.3820, -0.8860

Background



This preview shows how black text looks on a background with the YIQ color 165.3250, -81.3820, -0.8860.



This preview shows how white text looks on a background with the YIQ color 165.3250, -81.3820, -0.8860.

-0.8860.

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

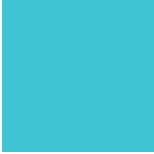
165.3250, -81.3820, -0.8860

Protanopia

178.3700, -32.5560, 17.3320

Deuteranopia

177.2210, -42.3220, 18.1100



Tritanopia

158.0570, -84.4040, -23.2200

Trichromacy



Original Color

165.3250, -81.3820, -0.8860

Protanomaly

173.4000, -50.4360, 10.9720

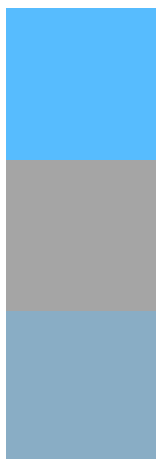
Deuteranomaly

172.9910, -56.5340, 11.3540

Tritanomaly

160.6970, -83.0300, -15.0780

Monochromacy



Original Color

165.3250, -81.3820, -0.8860

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9720, -29.1600, -0.1680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.3250, -81.3820, -0.8860 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(87, 188, 254)` looks like.

```
.text, #text, p{  
    color:rgb(87, 188, 254)  
}
```

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(87, 188, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 188, 254) }
```

Border

The CSS property to change the border of an element to YIQ 165.3250, -81.3820, -0.8860 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(87, 188, 254) }
```


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

```
.border{ border-color:rgb(87, 188, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 188, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 188, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 188, 254);  
box-shadow:4px 4px 4px 4px rgb(87, 188,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 165.3250, -81.3820, -0.8860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 188, 254) }
```

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

```
.background{ background-color: rgb(87, 188,  
254) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor