

Converting Colors

YIQ(160.4880, -74.2310, 7.1850)

Have a look what the booklet for
YIQ(160.4880, -74.2310, 7.1850)
contains.

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Color

**YIQ(160.4880, -74.2310,
7.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	5EB0FF
RGB	94, 176, 255
RGB Percent	37%, 69%, 100%
CMY	0.6315, 0.3097, 0.0004
CMYK	0.63, 0.31, 0.00, 0.00
HSL	209°, 100%, 68%
HSV	209°, 63%, 100%
XYZ	38.1798, 40.6561, 100.3663
YIQ	160.4880, -74.2310, 7.1850

Conversions

Conversions Part 2

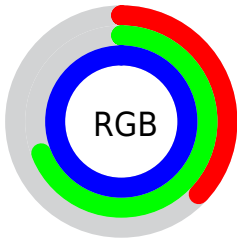
Format	Color
R _{YB}	94, 148, 255
Decimal	6205695
CIE _{Lab}	69.93, -1.48, -46.48
CIE _{LCh}	70, 46.504, 268.171
Y _{xy}	40.6561, 0.2131, 0.2269
Android (android.graphics.Color)	4284395775 (0xFF5EB0FF)
Y _{UV}	160.4880, 46.5944, -58.3100
Hunter-Lab	63.7622, -4.7008, -48.6933

Details

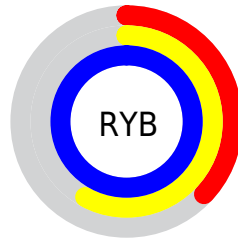
The YIQ color **160.4880, -74.2310, 7.1850** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **188.5120, 74.2310, -7.1850**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **211.6100, -51.8080, -8.2240**, and **95.3600, -97.6580, -3.2740** is the 20% darker color. If you saturate the color by 10%, you get **145.6700, -86.4270, 7.9490**, and if you desaturate by 10%, it is **175.5940, -62.9060, 5.6860**.

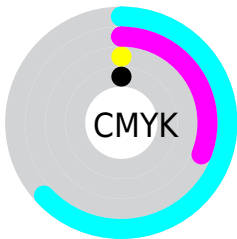
Distribution



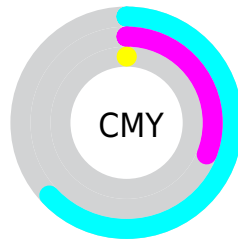
- Red (37%)
- Green (69%)
- Blue (100%)



- Red (37%)
- Yellow (58%)
- Blue (100%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)



- Cyan (63%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 160.4880, -74.2310, 7.1850 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 160.4880, -74.2310, 7.1850 by changing the saturation by 10% instead.

■ 160.4880,
-74.2310, 7.1850

■ 160.4880,
-74.2310, 7.1850

■ 255.0000, -0.0000,
-0.0000

■ 131.1560,
-79.2280, 4.1320

■ 211.6100,
-51.8080, -8.2240

■ 95.3600, -97.6580,
-3.2740

■ 234.6680,
-40.5280, -14.4160

■ 77.4930, -81.7950,
1.0930

■ 243.9370,
-22.0520, -7.8440

■ 60.9140, -66.8030,
4.7250

■ 252.9070, -4.1720,
-1.4840

■ 45.0360, -52.4070,
8.1450

■ 29.8590, -38.6070,
11.3530

■ 12.4480, -24.0280,

16.9640

■ 6.8910, -15.2700,
12.4260

■ 3.2090, -7.6580,
6.6300

■ 160.4880,
-74.2310, 7.1850

■ 160.4880,
-74.2310, 7.1850

■ 145.6700,
-86.4270, 7.9490

■ 175.5940,
-62.9060, 5.6860

■ 130.5640,
-97.7520, 9.4480

■ 190.4120,
-50.7100, 4.9220

■ 115.7460,
-109.9480, 10.2120

■ 205.5180,
-39.3850, 3.4230

■ 105.3800,
-117.6050, 11.3150

■ 220.3360,
-27.1890, 2.6590

■ 235.4420,
-15.8640, 1.1600

■ 250.2600, -3.6680,
0.3960

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



137.3570, -129.1070, -22.5390



160.4880, -74.2310, 7.1850



173.2670, -21.6000, 28.0320

Triad

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



160.4880, -74.2310, 7.1850



172.0920, 67.8070, 21.1430



156.2890, -30.1160, -37.9240

Complementary

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



160.4880, -74.2310, 7.1850



188.5120, 74.2310, -7.1850

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.



163.0200, 13.3020, -31.8340



160.4880, -74.2310, 7.1850



169.9920, 64.3720, 0.7880

Square

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



160.4880, -74.2310, 7.1850



173.6350, 53.6370, 35.6610



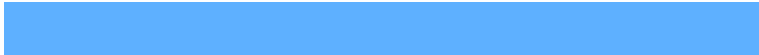
167.8070, 45.1190, -19.2410



131.7420, -106.4070, -48.4790

Rectangle

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



160.4880, -74.2310, 7.1850



175.9350, 8.9340, 36.3420



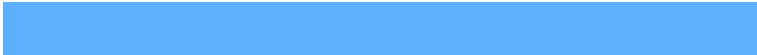
167.8070, 45.1190, -19.2410



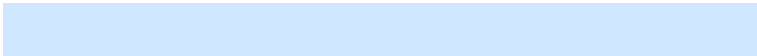
158.8410, -14.1150, -36.0590

Sweetspot

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



160.4880, -74.2310, 7.1850



226.5600, -22.0080, 2.3760



197.3990, -69.3130, -59.9450



110.2250, -13.7550, 1.4850



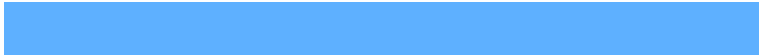
0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



160.4880, -74.2310, 7.1850



141.2290, -89.4990, 8.5570



114.1150, -52.5060, 48.5020



120.0040, -5.8230, 0.9050



79.3000, -88.2610, 8.1470



26.6670, -29.6190, 2.6450

Inverse Universe

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



151.4870, 69.6340, 59.6340



130.2920, 83.8450, 71.9170



234.8850, 52.5060, -48.5020



119.5710, 5.8220, 4.6220



68.2810, 82.3780, 70.9700



22.8980, 27.5510, 23.8310

Previews

White Background



This preview shows how the YIQ color 160.4880, -74.2310, 7.1850 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 160.4880, -74.2310, 7.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

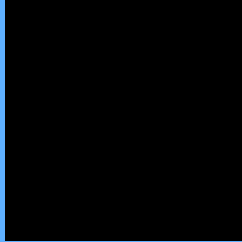
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

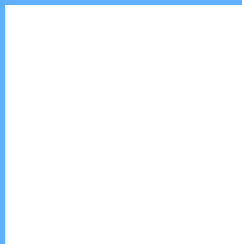
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 160.4880, -74.2310, 7.1850

Background



This preview shows how black text looks on a background with the YIQ color 160.4880, -74.2310, 7.1850.



This preview shows how white text looks on a background with the YIQ color 160.4880, -74.2310, 7.1850.

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

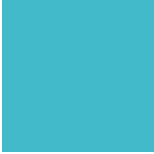
160.4880, -74.2310, 7.1850

Protanopia

169.3570, -39.7090, 20.3150

Deuteranopia

167.1430, -50.8500, 18.4780



Tritanopia

152.2430, -76.0600, -20.2520

Trichromacy



Original Color

160.4880, -74.2310, 7.1850

Protanomaly

166.0780, -52.2250, 15.8630

Deuteranomaly

165.0170, -59.4230, 14.1530

Tritanomaly

155.0510, -75.0990, -10.1310

Monochromacy



Original Color

160.4880, -74.2310, 7.1850

Achromatopsia

160.0000, 0.0000, -0.0000

Achromatomaly

160.3360, -27.1890, 2.6590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.4880, -74.2310, 7.1850 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(94, 176, 255)` looks like.

```
.text, #text, p{  
    color:rgb(94, 176, 255)  
}
```

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(94, 176, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 176, 255) }
```

Border

The CSS property to change the border of an element to YIQ 160.4880, -74.2310, 7.1850 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(94, 176, 255) }
```


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

```
.border{ border-color:rgb(94, 176, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 176, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 176, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 176, 255);  
box-shadow:4px 4px 4px 4px rgb(94, 176,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 160.4880, -74.2310, 7.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 176, 255) }
```

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

```
.background{ background-color: rgb(94, 176,  
255) }
```

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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