

Converting Colors

YIQ(181.8360, -48.9680, 6.3920)

Have a look what the booklet for
YIQ(181.8360, -48.9680, 6.3920)
contains.

YIQ(181.8360, -48.9680, 6.3920)	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(181.8360, -48.9680,
6.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	8BBFF7
RGB	139, 191, 247
RGB Percent	55%, 75%, 97%
CMY	0.4550, 0.2509, 0.0316
CMYK	0.44, 0.23, 0.00, 0.03
HSL	211°, 87%, 76%
HSV	211°, 44%, 97%
XYZ	46.0584, 49.4699, 95.0678
YIQ	181.8360, -48.9680, 6.3920

Conversions

Conversions Part 2

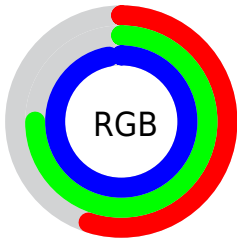
Format	Color
R _Y B	139, 174, 247
Decimal	9158647
CIE Lab	75.74, -2.71, -32.98
CIE LCh	76, 33.090, 265.297
Yxy	49.4699, 0.2417, 0.2596
Android (android.graphics.Color)	4287348727 (0xFF8BBFF7)
YUV	181.8360, 32.1259, -37.5672
Hunter-Lab	70.3348, -6.1961, -30.9047

Details

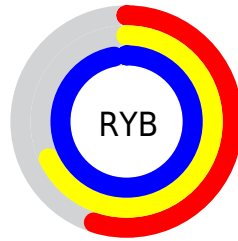
The YIQ color **181.8360, -48.9680, 6.3920** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **204.1640, 48.9680, -6.3920**, and the grayscale version is **182.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **232.6630, -32.9640, -8.3240**, and **127.1840, -50.0680, 4.3000** is the 20% darker color. If you saturate the color by 10%, you get **166.7300, -60.2930, 7.8910**, and if you desaturate by 10%, it is **196.9420, -37.6430, 4.8930**.

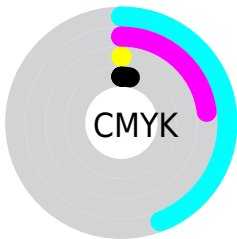
Distribution



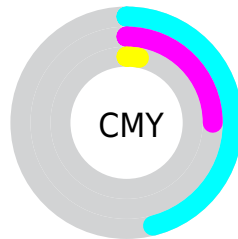
- Red (55%)
- Green (75%)
- Blue (97%)



- Red (55%)
- Yellow (68%)
- Blue (97%)



- Cyan (44%)
- Magenta (23%)
- Yellow (0%)
- Black (3%)



- Cyan (46%)
- Magenta (25%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 181.8360, -48.9680, 6.3920 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 181.8360, -48.9680, 6.3920 by changing the saturation by 10% instead.

■ 181.8360,
-48.9680, 6.3920

■ 181.8360,
-48.9680, 6.3920

■ 255.0000, -0.0000,
-0.0000

■ 154.3090,
-48.9220, 5.5580

■ 232.6630,
-32.9640, -8.3240

■ 127.1840,
-50.0680, 4.3000

■ 246.0300,
-17.8800, -6.3600

■ 99.8740, -52.1310,
3.1410

■ 70.5630, -61.6210,
-1.0850

■ 50.8090, -53.5060,
0.5260

■ 35.0450, -39.4310,
4.2570

■ 20.6830, -26.5480,

7.5640

■ 6.3210, -13.6650,
10.8710

■ 2.6390, -6.0530,
5.0750

■ 181.8360,
-48.9680, 6.3920

■ 181.8360,
-48.9680, 6.3920

■ 166.7300,
-60.2930, 7.8910

■ 196.9420,
-37.6430, 4.8930

■ 151.9230,
-71.0220, 9.6020

■ 211.7490,
-26.9140, 3.1820

■ 137.4040,
-82.6220, 10.5780

■ 226.2680,
-15.3140, 2.2060

■ 122.2980,
-93.9470, 12.0770

■ 241.3740, -3.9890,
0.7070

■ 107.4910,
-104.6760, 13.7880

■ 254.0880, 2.5680,
-2.4880

■ 98.0110,
-112.0120, 14.5800

Harmonies

Analogous

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



173.0190, -72.0730, -9.9050



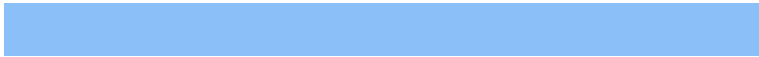
181.8360, -48.9680, 6.3920



188.8510, -17.7930, 19.6070

Triad

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



181.8360, -48.9680, 6.3920



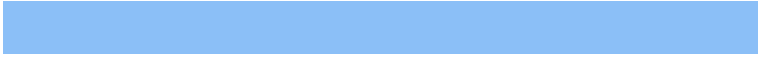
189.1760, 49.8350, 16.4510



178.2680, -16.4550, -26.6870

Complementary

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



181.8360, -48.9680, 6.3920



204.1640, 48.9680, -6.3920

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.



182.3440, 12.7500, -21.8260



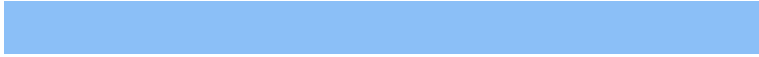
181.8360, -48.9680, 6.3920



187.8470, 48.7830, 2.4710

Square

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



181.8360, -48.9680, 6.3920



190.9270, 37.7750, 25.7670



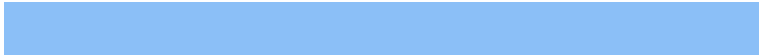
185.1730, 35.5810, -11.5790



172.9840, -47.7700, -26.3460

Rectangle

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



181.8360, -48.9680, 6.3920



190.5610, 3.7550, 25.5710



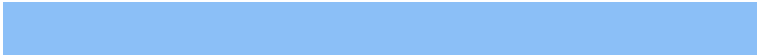
185.1730, 35.5810, -11.5790



179.7700, -6.1850, -25.5850

Sweetspot

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



181.8360, -48.9680, 6.3920



235.1540, -14.9930, 1.8950



208.7800, -47.6760, -39.0680



115.2640, -9.4910, 1.3010



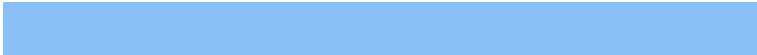
0.0000, 0.0000, 0.0000



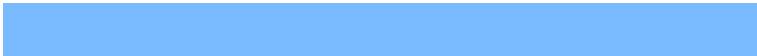
128.0000, -0.0000, -0.0000

Same Dimension

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



181.8360, -48.9680, 6.3920



174.7300, -60.2930, 7.8910



151.9100, -33.4760, 34.0120



114.8900, -5.5020, 0.5940



74.0340, -84.4560, 10.7760



23.1620, -26.6390, 3.7050

Inverse Universe

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



177.2200, 47.6760, 39.0680



169.0630, 58.7240, 48.1000



234.0900, 33.4760, -34.0120



114.2720, 5.2260, 4.4100



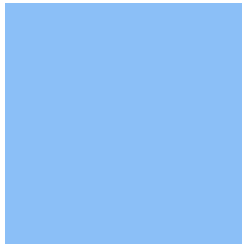
65.8740, 81.9660, 67.4220



20.8330, 26.1760, 21.2160

Previews

White Background



This preview shows how the YIQ color 181.8360, -48.9680, 6.3920 looks on a white background.

Color Contrast Check

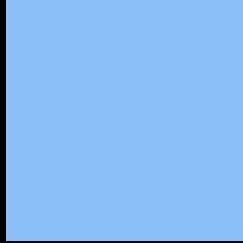
Large Text (above 18pt) WCAG AA × Fail

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 181.8360, -48.9680, 6.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

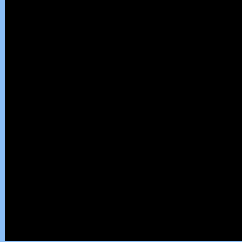
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

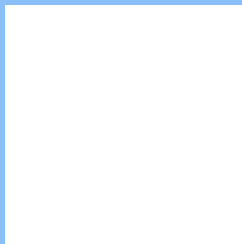
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 181.8360, -48.9680, 6.3920

Background



This preview shows how black text looks on a background with the YIQ color 181.8360, -48.9680, 6.3920.



This preview shows how white text looks on a background with the YIQ color 181.8360, -48.9680,

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

181.8360, -48.9680, 6.3920

Protanopia

186.7250, -26.3660, 15.2820

Deuteranopia

186.3380, -29.5300, 17.5580



Tritanopia

178.4920, -45.6640, -9.4400

Trichromacy



Original Color

181.8360, -48.9680, 6.3920

Protanomaly

185.1260, -34.9850, 11.7910

Deuteranomaly

184.6960, -36.5900, 13.3460

Tritanomaly

179.8820, -46.5820, -3.8140

Monochromacy



Original Color

181.8360, -48.9680, 6.3920

Achromatopsia

182.0000, -0.0000, -0.0000

Achromatomaly

181.7130, -18.0650, 2.5030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 181.8360, -48.9680, 6.3920 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(139, 191, 247)` looks like.

```
.text, #text, p{  
    color:rgb(139, 191, 247)  
}
```

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(139, 191, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 191, 247) }
```

Border

The CSS property to change the border of an element to YIQ 181.8360, -48.9680, 6.3920 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(139, 191, 247) }
```


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

```
.border{ border-color:rgb(139, 191, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 191, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 191, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 191, 247);  
box-shadow:4px 4px 4px 4px rgb(139, 191,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 181.8360, -48.9680, 6.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 191, 247) }
```

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

```
.background{ background-color: rgb(139,  
191, 247) }
```

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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