

Converting Colors

YIQ(50.9060, -8.1760, 82.1280)

Have a look what the booklet for
YIQ(50.9060, -8.1760, 82.1280)
contains.

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Color

**YIQ(50.9060, -8.1760,
82.1280)**

Conversions

Conversions Part 1

Format	Color
Hex	5E00C8
RGB	94, 0, 200
RGB Percent	37%, 0%, 78%
CMY	0.6310, 1.0000, 0.2159
CMYK	0.53, 1.00, 0.00, 0.22
HSL	268°, 100%, 39%
HSV	268°, 100%, 78%
XYZ	15.0449, 6.5523, 55.0861
YIQ	50.9060, -8.1760, 82.1280

Conversions

Conversions Part 2

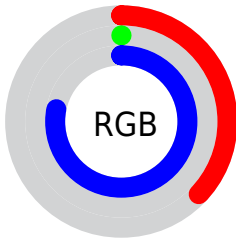
Format	Color
RYB	94, 0, 200
Decimal	6160584
CIELab	30.77, 68.90, -78.73
CIElCh	31, 104.623, 311.188
Yxy	6.5523, 0.1962, 0.0854
Android (android.graphics.Color)	4284350664 (0xFF5E00C8)
YUV	50.9060, 73.5033, 37.7934
Hunter-Lab	25.5974, 60.1183, -109.6749

Details

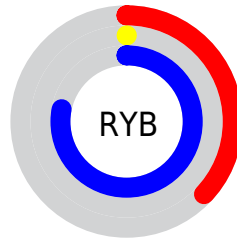
The YIQ color **50.9060, -8.1760, 82.1280** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **149.0940, 8.1760, -82.1280**, and the grayscale version is **50.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **117.9780, -8.6790, 74.7210**, and **19.4060, -40.2640, 46.9040** is the 20% darker color. If you saturate the color by 10%, you get **50.9060, -8.1760, 82.1280**, and if you desaturate by 10%, it is **65.9350, -7.1200, 74.0000**.

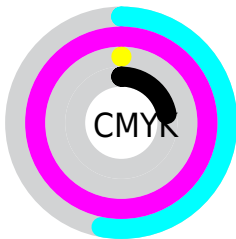
Distribution



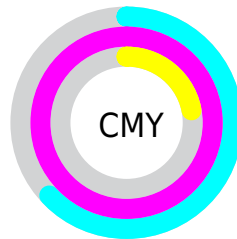
- Red (37%)
- Green (0%)
- Blue (78%)



- Red (37%)
- Yellow (0%)
- Blue (78%)



- Cyan (53%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (63%)
- Magenta (100%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 50.9060, -8.1760, 82.1280 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 50.9060, -8.1760, 82.1280 by changing the saturation by 10% instead.

■ 50.9060, -8.1760,
82.1280

■ 50.9060, -8.1760,
82.1280

■ 255.0000, -0.0000,
-0.0000

■ 37.5480, -19.4520,
66.2120

■ 117.9780, -8.6790,
74.7210

■ 19.4060, -40.2640,
46.9040

■ 142.7970, 1.7760,
66.9600

■ 13.4520, -37.8780,
36.6980

■ 168.2030, 11.9560,
58.6760

■ 10.4880, -29.5320,
28.6120

■ 193.9080, 22.7320,
50.6040

■ 11.7470, -23.4320,
17.1760

■ 212.7360, 19.8000,
37.6560


■ 6.7770, -14.9490,
12.1150

■ 229.7590, 11.8250,


■ 3.0950, -7.3370,


22.4890


6.3190


 246.7820, 3.8500,
7.3220


 0.0000, 0.0000,
0.0000


 50.9060, -8.1760,
82.1280

 65.9350, -7.1200,
74.0000

 80.6650, -6.6600,
65.6600

 95.6940, -5.6040,
57.5320

 110.4240, -5.1440,
49.1920

 125.4530, -4.0880,
41.0640

■ 140.4820, -3.0320,
32.9360

■ 155.2120, -2.5720,
24.5960

■ 170.2410, -1.5160,
16.4680

■ 184.9710, -1.0560,
8.1280

Harmonies

Analogous

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



73.8470, -99.0860, 33.6340



50.9060, -8.1760, 82.1280



68.8960, 67.7050, 78.0810

Triad

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



50.9060, -8.1760, 82.1280



65.5730, 64.2340, 3.2900



69.2680, -60.0130, -19.2210

Complementary

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



50.9060, -8.1760, 82.1280



149.0940, 8.1760, -82.1280

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.



56.4490, -28.0510, -47.8190



50.9060, -8.1760, 82.1280



64.6120, 14.6310, -28.3850

Square

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



50.9060, -8.1760, 82.1280



52.9230, 105.4920, 37.5240



53.4170, -25.0250, -47.5930



79.4480, -85.9220, 4.3020

Rectangle

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



50.9060, -8.1760, 82.1280



67.9370, 94.8500, 65.2020



53.4170, -25.0250, -47.5930



65.3750, -50.4290, -27.7170

Sweetspot

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



50.9060, -8.1760, 82.1280



198.1290, -3.5360, 31.0560



85.6090, -93.6250, 6.2390



93.5230, -2.2500, 18.7580



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.



50.9060, -8.1760, 82.1280



64.9500, -10.3350, 104.7450



80.5070, 50.8280, 103.1160



92.2220, -0.5050, 3.6470



41.6050, -6.4310, 67.0170



9.1870, -1.4240, 14.8000

Inverse Universe

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



71.8840, 85.1740, 75.3660



91.6350, 108.6450, 96.0450



119.4930, -50.8280, -103.1160



93.2610, 3.7590, 3.4630



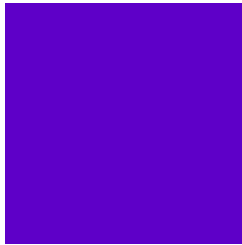
58.5410, 69.5420, 61.3020



12.9300, 15.3570, 13.5410

Previews

White Background



This preview shows how the YIQ color 50.9060, -8.1760, 82.1280 looks on a white background.

Color Contrast Check

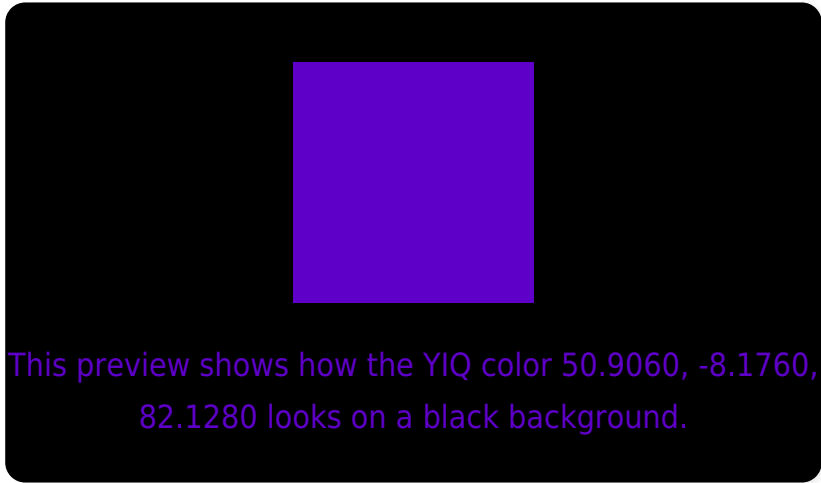
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

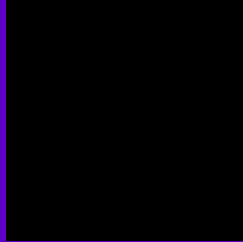
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 50.9060, -8.1760, 82.1280

Background



This preview shows how black text looks on a background with the YIQ color 50.9060, -8.1760, 82.1280.



This preview shows how white text looks on a background with the YIQ color 50.9060, -8.1760,

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

50.9060, -8.1760, 82.1280

Protanopia

59.4780, -68.2710, 9.3050

Tritanopia

72.7040, -13.8460, -2.3740

Trichromacy



Original Color

50.9060, -8.1760, 82.1280

Protanomaly

56.4340, -46.6350, 35.7090

Tritanomaly

64.9430, -11.8800, 28.0880

Monochromacy



Original Color

50.9060, -8.1760, 82.1280

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.7870, -2.5730, 30.1230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 50.9060, -8.1760, 82.1280 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, 0, 200)` looks like.

```
.text, #text, p{  
    color:rgb(94, 0, 200)  
}
```

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, 0, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 0, 200) }
```

Border

The CSS property to change the border of an element to YIQ 50.9060, -8.1760, 82.1280 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, 0, 200) }
```

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

```
.border{ border-color:rgb(94, 0, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 0, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 0, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 0, 200);  
box-shadow:4px 4px 4px 4px rgb(94, 0, 200)  
}
```


Background

The CSS property to change the background color of an element to YIQ 50.9060, -8.1760, 82.1280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 0, 200) }
```

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

```
.background{ background-color: rgb(94, 0,  
200) }
```

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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