

Converting Colors

YIQ(57.8140, -6.0620, 54.8180)

Have a look what the booklet for
YIQ(57.8140, -6.0620, 54.8180)
contains.

YIQ(57.8140, -6.0620, 54.8180)	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(57.8140, -6.0620,
54.8180)**

Conversions

Conversions Part 1

Format	Color
Hex	56189E
RGB	86, 24, 158
RGB Percent	34%, 9%, 62%
CMY	0.6625, 0.9060, 0.3805
CMYK	0.46, 0.85, 0.00, 0.38
HSL	268°, 74%, 36%
HSV	268°, 85%, 62%
XYZ	10.3380, 5.1009, 32.7727
YIQ	57.8140, -6.0620, 54.8180

Conversions

Conversions Part 2

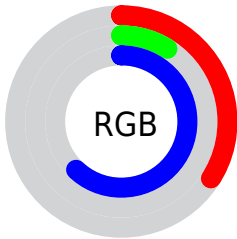
Format	Color
R_{YB}	86, 24, 158
Decimal	5642398
CIE _{Lab}	27.02, 53.24, -59.86
CIE _{LCh}	27, 80.111, 311.650
Yxy	5.1009, 0.2144, 0.1058
Android (android.graphics.Color)	4283832478 (0xFF56189E)
YUV	57.8140, 49.3917, 24.7191
Hunter-Lab	22.5853, 42.1812, -70.2241

Details

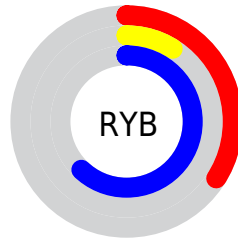
The YIQ color **57.8140, -6.0620, 54.8180** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **124.1860, 6.0620, -54.8180**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **112.9390, -4.9160, 56.0760**, and **18.8470, -19.9970, 37.5310** is the 20% darker color. If you saturate the color by 10%, you get **46.0300, -6.4300, 61.4900**, and if you desaturate by 10%, it is **69.8970, -5.0980, 48.3580**.

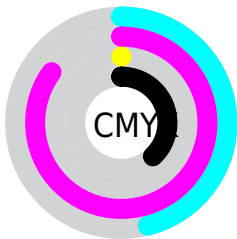
Distribution



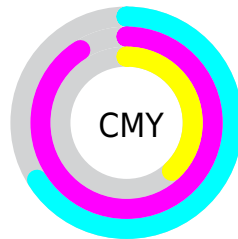
- Red (34%)
- Green (9%)
- Blue (62%)



- Red (34%)
- Yellow (9%)
- Blue (62%)



- Cyan (46%)
- Magenta (85%)
- Yellow (0%)
- Black (38%)



- Cyan (66%)
- Magenta (91%)
- Yellow (38%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.8140, -6.0620, 54.8180 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 57.8140, -6.0620, 54.8180 by changing the saturation by 10% instead.

■ 57.8140, -6.0620,
54.8180

■ 57.8140, -6.0620,
54.8180

■ 255.0000, -0.0000,
-0.0000

■ 31.9770, -8.0790,
52.8250

■ 112.3520, -4.6410,
56.5990

■ 18.8470, -19.9970,
37.5310

■ 139.2920, -4.4120,
57.9560

■ 9.1200, -25.6800,
24.8800

■ 165.1800, 1.5950,
53.7150

■ 9.3190, -19.3510,
14.8010

■ 189.9990, 12.0500,
45.9540

■ 5.0500, -11.4640,
9.5280

■ 213.9100, 19.2500,
36.6100

■ 0.7980, -2.2470,
2.1770

■ 230.3460, 11.5500,

■ 0.0000, 0.0000,

21.9660

0.0000

247.3690, 3.5750,
6.7990

57.8140, -6.0620,
54.8180

57.8140, -6.0620,
54.8180

46.0300, -6.4300,
61.4900

69.8970, -5.0980,
48.3580

39.8390, -7.2100,
64.6140

81.6810, -4.7300,
41.6860

92.8780, -4.0870,
35.5370

104.9610, -3.1230,
29.0770

116.7450, -2.7550,
22.4050

■ 128.8280, -1.7910,
15.9450

■ 140.6120, -1.4230,
9.2730

■ 152.1080, -0.1840,
3.3360

■ 163.8920, 0.1840,
-3.3360

Harmonies

Analogous

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



60.7610, -78.7730, 23.4270



57.8140, -6.0620, 54.8180



56.1080, 54.8240, 63.7200

Triad

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



57.8140, -6.0620, 54.8180



59.5930, 52.3140, -0.9500



59.8130, -51.3020, -17.3980

Complementary

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



57.8140, -6.0620, 54.8180



124.1860, 6.0620, -54.8180

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.



51.0010, -29.2450, -37.1890



57.8140, -6.0620, 54.8180



57.5460, 14.9970, -24.0030

Square

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



57.8140, -6.0620, 54.8180



43.3550, 86.4200, 30.7400



46.3730, -21.7250, -41.3170



67.1260, -70.5160, 0.4280

Rectangle

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



57.8140, -6.0620, 54.8180



55.4350, 75.4120, 54.0360



46.3730, -21.7250, -41.3170



56.8320, -44.2860, -23.4060

Sweetspot

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



57.8140, -6.0620, 54.8180



168.1040, -2.3880, 21.2600



82.7140, -63.3640, 2.9720



81.1330, -1.3320, 13.1320



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



57.8140, -6.0620, 54.8180



52.3020, -9.2310, 84.7290



77.2490, 32.6780, 68.5980



73.1080, -0.1840, 3.3360



36.0360, -6.5670, 58.4650



3.8030, -0.6430, 6.1490

Inverse Universe

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



72.2740, 56.7520, 50.8000



74.5470, 87.7410, 78.4050



104.7510, -32.6780, -68.5980



73.8480, 3.4840, 2.9400



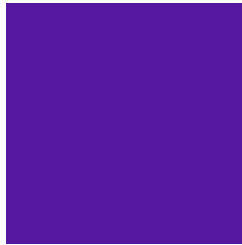
51.5350, 60.5110, 54.2630



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 57.8140, -6.0620, 54.8180 looks on a white background.

Color Contrast Check

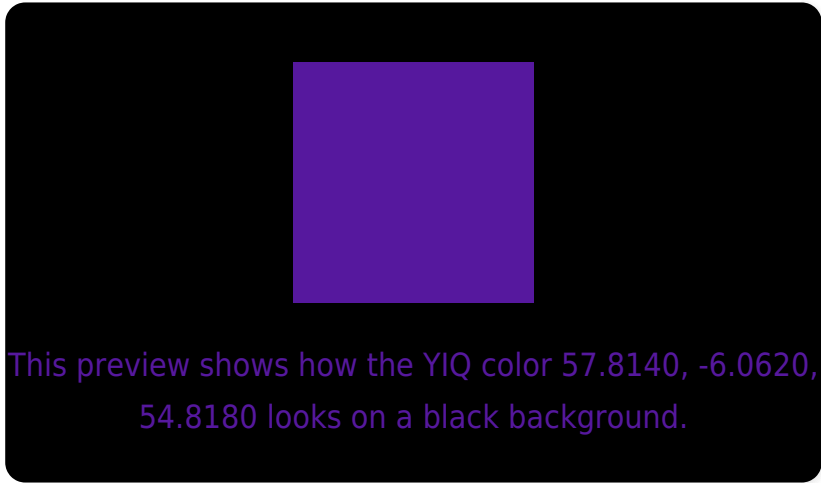
Large Text (above 18pt) WCAG AA ✓ Pass

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

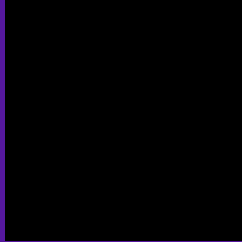
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.8140, -6.0620, 54.8180

Background



This preview shows how black text looks on a background with the YIQ color 57.8140, -6.0620, 54.8180.



This preview shows how white text looks on a background with the YIQ color 57.8140, -6.0620,

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

57.8140, -6.0620, 54.8180

Protanopia

52.0290, -59.6970, 8.1030

Deuteranopia

52.2110, -54.6980, 0.1020



Tritanopia

64.6840, -1.9260, 1.8660

Trichromacy



Original Color

57.8140, -6.0620, 54.8180

Protanomaly

54.1060, -40.2600, 24.7960

Deuteranomaly

53.9120, -36.9580, 20.0180

Tritanomaly

61.9190, -3.3050, 21.3590

Monochromacy



Original Color

57.8140, -6.0620, 54.8180

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0500, -2.2960, 19.5920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.8140, -6.0620, 54.8180 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(86, 24, 158)` looks like.

```
.text, #text, p{  
    color:rgb(86, 24, 158)  
}
```

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(86, 24, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 24, 158) }
```

Border

The CSS property to change the border of an element to YIQ 57.8140, -6.0620, 54.8180 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(86, 24, 158) }
```


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

```
.border{ border-color:rgb(86, 24, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 24, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 24, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 24, 158);  
box-shadow:4px 4px 4px 4px rgb(86, 24,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 57.8140, -6.0620, 54.8180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 24, 158) }
```

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

```
.background{ background-color: rgb(86, 24,  
158) }
```

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