

Converting Colors

YIQ(59.0280, -12.1160, 65.4200)

Have a look what the booklet for
YIQ(59.0280, -12.1160, 65.4200)
contains.

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Color

**YIQ(59.0280, -12.1160,
65.4200)**

Conversions

Conversions Part 1

Format	Color
Hex	5814B8
RGB	88, 20, 184
RGB Percent	35%, 8%, 72%
CMY	0.6546, 0.9217, 0.2786
CMYK	0.52, 0.89, 0.00, 0.28
HSL	265°, 80%, 40%
HSV	265°, 89%, 72%
XYZ	12.9276, 6.0361, 45.8066
YIQ	59.0280, -12.1160, 65.4200

Conversions

Conversions Part 2

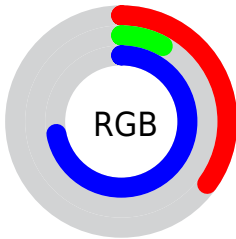
Format	Color
R_{YB}	88, 20, 184
Decimal	5772472
CIE _{Lab}	29.50, 61.00, -71.41
CIE _{LCh}	30, 93.914, 310.507
Yxy	6.0361, 0.1996, 0.0932
Android (android.graphics.Color)	4283962552 (0xFF5814B8)
YUV	59.0280, 61.6112, 25.4084
Hunter-Lab	24.5685, 50.9290, -93.3447

Details

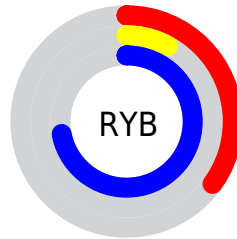
The YIQ color **59.0280, -12.1160, 65.4200** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **144.9720, 12.1160, -65.4200**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9250, -10.3280, 66.0560**, and **17.0980, -36.6410, 41.8150** is the 20% darker color. If you saturate the color by 10%, you get **45.1730, -13.7220, 72.5020**, and if you desaturate by 10%, it is **72.8830, -10.5100, 58.3380**.

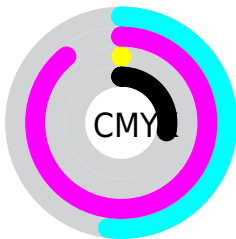
Distribution



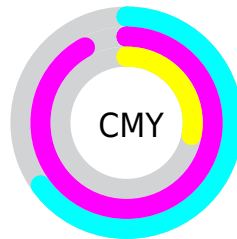
- Red (35%)
- Green (8%)
- Blue (72%)



- Red (35%)
- Yellow (8%)
- Blue (72%)



- Cyan (52%)
- Magenta (89%)
- Yellow (0%)
- Black (28%)



- Cyan (65%)
- Magenta (92%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.0280, -12.1160, 65.4200 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 59.0280, -12.1160, 65.4200 by changing the saturation by 10% instead.

■ 59.0280, -12.1160,
65.4200

■ 59.0280, -12.1160,
65.4200

■ 255.0000, -0.0000,
-0.0000

■ 34.5280, -16.7000,
60.3880

■ 116.9250,
-10.3280, 66.0560

■ 17.0980, -36.6410,
41.8150

■ 143.0410, -4.9630,
62.4370

■ 11.7420, -33.0630,
32.0330

■ 167.8600, 5.4920,
54.6760

■ 8.8920, -25.0380,
24.2580

■ 192.9780, 16.5430,
47.1270

■ 9.0910, -18.7090,
14.1790

■ 214.4970, 18.9750,
36.0870

■ 4.8220, -10.8220,
8.9060


■ 231.5200, 11.0000,


■ 0.4560, -1.2840,


20.9200


1.2440


 248.5430, 3.0250,
5.7530


 0.0000, 0.0000,
0.0000


 59.0280, -12.1160,
65.4200

 59.0280, -12.1160,
65.4200


 45.1730, -13.7220,
72.5020


 72.8830, -10.5100,
58.3380

 43.7000, -13.7680,
73.3360

 87.3250, -9.1790,
50.7330

 100.8810, -8.1690,
43.4390

 115.3230, -6.8380,
35.8340

 129.1780, -5.2320,
28.7520

■ 143.0330, -3.6260,
21.6700

■ 157.1760, -2.8910,
13.8530

■ 171.0310, -1.2850,
6.7710

■ 185.4730, 0.0460,
-0.8340

Harmonies

Analogous

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



68.9910, -90.9240, 28.8840



59.0280, -12.1160, 65.4200



63.6130, 61.0120, 72.7240

Triad

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



59.0280, -12.1160, 65.4200



63.1920, 60.9330, 2.5410



65.4210, -56.0700, -19.0940

Complementary

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



59.0280, -12.1160, 65.4200



144.9720, 12.1160, -65.4200

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.



54.6710, -28.5560, -44.1720



59.0280, -12.1160, 65.4200



62.5630, 16.3270, -26.0810

Square

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



59.0280, -12.1160, 65.4200



49.6340, 98.9360, 35.1920



51.0690, -23.9250, -45.5010



74.5750, -79.0900, 1.6300

Rectangle

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



59.0280, -12.1160, 65.4200



63.2240, 86.5520, 61.4000



51.0690, -23.9250, -45.5010



61.8700, -47.4490, -26.6570

Sweetspot

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



59.0280, -12.1160, 65.4200



190.4830, -4.7730, 25.9390



96.2220, -79.5940, -0.2500



90.2300, -2.9830, 15.5210



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



59.0280, -12.1160, 65.4200



57.2600, -17.4400, 95.8400



82.9480, 35.5640, 82.3800



84.9230, -1.1010, 3.4350



37.2190, -11.3360, 62.2960



6.7800, -1.8360, 11.2520

Inverse Universe

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



79.9800, 66.9280, 64.6240



87.7200, 98.1000, 94.4200



121.0520, -35.5640, -82.3800



86.2610, 3.7590, 3.4630



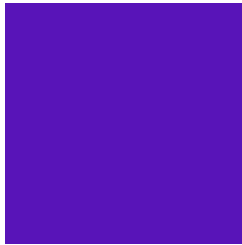
57.0180, 63.7650, 61.3730



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 59.0280, -12.1160, 65.4200 looks on a white background.

Color Contrast Check

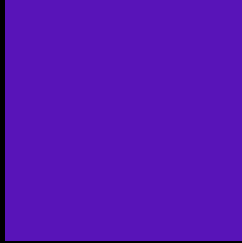
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 59.0280, -12.1160, 65.4200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

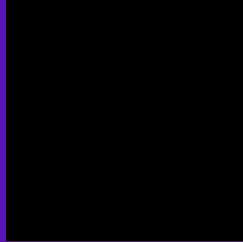
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.0280, -12.1160, 65.4200

Background



This preview shows how black text looks on a background with the YIQ color 59.0280, -12.1160, 65.4200.



This preview shows how white text looks on a background with the YIQ color 59.0280, -12.1160,

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

59.0280, -12.1160, 65.4200

Protanopia

56.2180, -64.6030, 8.9090

Deuteranopia

56.7590, -59.2370, -0.2370



Tritanopia

68.6010, -12.0580, -1.7380

Trichromacy



Original Color

59.0280, -12.1160, 65.4200

Protanomaly

57.5170, -45.6710, 29.2490

Deuteranomaly

57.7960, -42.3230, 23.6370

Tritanomaly

65.3680, -11.8790, 22.5610

Monochromacy



Original Color

59.0280, -12.1160, 65.4200

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.2010, -4.0390, 23.6490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.0280, -12.1160, 65.4200 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(88, 20, 184)` looks like.

```
.text, #text, p{  
    color:rgb(88, 20, 184)  
}
```

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(88, 20, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 20, 184) }
```

Border

The CSS property to change the border of an element to YIQ 59.0280, -12.1160, 65.4200 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(88, 20, 184) }
```


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

```
.border{ border-color:rgb(88, 20, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 20, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 20, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 20, 184);  
box-shadow:4px 4px 4px 4px rgb(88, 20,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 59.0280, -12.1160, 65.4200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 20, 184) }
```

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

```
.background{ background-color: rgb(88, 20,  
184) }
```

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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