

Converting Colors

YIQ(59.1180, -30.2250, 57.7030)

Have a look what the booklet for
YIQ(59.1180, -30.2250, 57.7030)
contains.

YIQ(59.1180, -30.2250, 57.7030)	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(59.1180, -30.2250,
57.7030)**

Conversions

Conversions Part 1

Format	Color
Hex	421EBF
RGB	66, 30, 191
RGB Percent	26%, 12%, 75%
CMY	0.7410, 0.8824, 0.2512
CMYK	0.65, 0.84, 0.00, 0.25
HSL	253°, 73%, 43%
HSV	253°, 84%, 75%
XYZ	12.1110, 5.8465, 49.7444
YIQ	59.1180, -30.2250, 57.7030

Conversions

Conversions Part 2

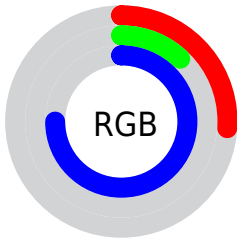
Format	Color
R_{YB}	66, 30, 191
Decimal	4333247
CIE _{Lab}	29.02, 57.54, -76.41
CIE _{LCh}	29, 95.656, 306.982
Yxy	5.8465, 0.1789, 0.0864
Android (android.graphics.Color)	4282523327 (0xFF421EBF)
YUV	59.1180, 65.0178, 6.0355
Hunter-Lab	24.1796, 47.0918, -105.0508

Details

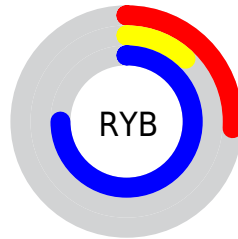
The YIQ color **59.1180, -30.2250, 57.7030** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **161.8820, 30.2250, -57.7030**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **115.3900, -24.9990, 62.1130**, and **15.5040, -43.6560, 42.2960** is the 20% darker color. If you saturate the color by 10%, you get **43.4800, -33.9400, 64.4600**, and if you desaturate by 10%, it is **74.7560, -26.5100, 50.9460**.

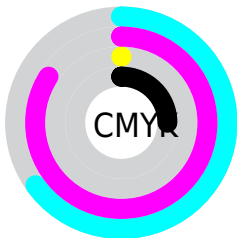
Distribution



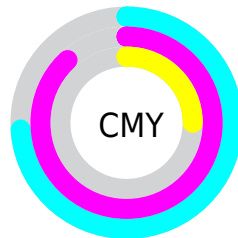
- Red (26%)
- Green (12%)
- Blue (75%)



- Red (26%)
- Yellow (12%)
- Blue (75%)



- Cyan (65%)
- Magenta (84%)
- Yellow (0%)
- Black (25%)



- Cyan (74%)
- Magenta (88%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.1180, -30.2250, 57.7030 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 59.1180, -30.2250, 57.7030 by changing the saturation by 10% instead.

■ 59.1180, -30.2250,
57.7030

■ 59.1180, -30.2250,
57.7030

■ 255.0000, -0.0000,
-0.0000

■ 24.8610, -39.8070,
55.1450

■ 115.3900,
-24.9990, 62.1130

■ 15.5040, -43.6560,
42.2960

■ 140.6050,
-15.5990, 56.9530

■ 12.5400, -35.3100,
34.2100

■ 164.8370, -4.8690,
49.7150

■ 11.3370, -27.7890,
24.5550

■ 189.6560, 5.5860,
41.9540

■ 10.3620, -20.9100,
15.5220

■ 215.3610, 16.3620,
33.8820

■ 5.3920, -12.4270,
10.4610


■ 233.2810, 10.1750,


■ 2.1830, -4.7690,


19.3510


3.8310


 250.3040, 2.2000,
4.1840


 0.0000, 0.0000,
0.0000


 59.1180, -30.2250,
57.7030


 59.1180, -30.2250,
57.7030


 43.4800, -33.9400,
64.4600


 74.7560, -26.5100,
50.9460

 34.6310, -35.6830,
68.5170

 90.3940, -22.7950,
44.1890

 105.7330,
-19.6760, 37.2200

 121.3710,
-15.9610, 30.4630

 137.0090,
-12.2460, 23.7060

■ 153.2340, -8.8060,
16.4260

■ 168.8720, -5.0910,
9.6690

■ 184.5100, -1.3760,
2.9120

■ 199.8490, 1.7430,
-4.0570

Harmonies

Analogous

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



70.5070, -92.4370, 28.7710



59.1180, -30.2250, 57.7030



63.0300, 55.4640, 74.1520

Triad

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



59.1180, -30.2250, 57.7030



59.9910, 66.1130, 7.7850



63.6940, -52.5850, -21.6810

Complementary

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



59.1180, -30.2250, 57.7030



161.8820, 30.2250, -57.7030

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.



52.8300, -24.7500, -47.0700



59.1180, -30.2250, 57.7030



62.8950, 21.3240, -23.0280

Square

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



59.1180, -30.2250, 57.7030



50.5310, 100.7240, 35.8280



49.8950, -23.3750, -44.4550



73.1900, -76.5680, -0.0240

Rectangle

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



59.1180, -30.2250, 57.7030



63.5380, 82.7920, 63.4640



49.8950, -23.3750, -44.4550



60.1430, -43.9640, -29.2440

Sweetspot

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



59.1180, -30.2250, 57.7030



196.8410, -11.8330, 21.7270



122.3160, -86.3310, -15.8270



94.0230, -6.8340, 13.7260



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



59.1180, -30.2250, 57.7030



44.6030, -46.5070, 88.4770



82.7390, 16.8590, 74.4510



86.6240, -1.6970, 3.2230



28.4770, -29.8580, 56.5580



5.6270, -5.7790, 11.1250

Inverse Universe

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



92.3890, 55.8310, 73.0070



95.7410, 85.5800, 112.0760



138.2610, -16.8590, -74.4510



88.4890, 3.1170, 4.0850



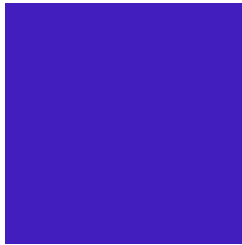
61.2640, 54.6850, 71.7490



12.0050, 10.7720, 14.0360

Previews

White Background



This preview shows how the YIQ color 59.1180, -30.2250, 57.7030 looks on a white background.

Color Contrast Check

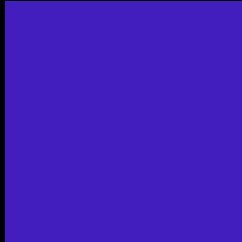
Large Text (above 18pt) WCAG AA ✓ Pass

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 59.1180, -30.2250, 57.7030 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 59.1180, -30.2250, 57.7030

Background



This preview shows how black text looks on a background with the YIQ color 59.1180, -30.2250, 57.7030.



This preview shows how white text looks on a background with the YIQ color 59.1180, -30.2250,

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

59.1180, -30.2250, 57.7030

Protanopia

54.5880, -62.7690, 8.7110

Deuteranopia

55.2430, -57.7240, -0.1240



Tritanopia

53.9600, -47.2220, -14.2460

Trichromacy



Original Color

59.1180, -30.2250, 57.7030

Protanomaly

56.2990, -50.9890, 26.5070

Deuteranomaly

56.5780, -47.6410, 20.8950

Tritanomaly

55.7170, -41.0830, 12.1730

Monochromacy



Original Color

59.1180, -30.2250, 57.7030

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.9120, -10.5950, 21.3170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.1180, -30.2250, 57.7030 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(66, 30, 191)` looks like.

```
.text, #text, p{  
    color:rgb(66, 30, 191)  
}
```

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(66, 30, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 30, 191) }
```

Border

The CSS property to change the border of an element to YIQ 59.1180, -30.2250, 57.7030 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(66, 30, 191) }
```


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

```
.border{ border-color:rgb(66, 30, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 30, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 30, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 30, 191);  
box-shadow:4px 4px 4px 4px rgb(66, 30,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 59.1180, -30.2250, 57.7030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 30, 191) }
```

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

```
.background{ background-color: rgb(66, 30,  
191) }
```

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