

Converting Colors

YIQ(59.1910, 20.2570, 45.8970)

Have a look what the booklet for
YIQ(59.1910, 20.2570, 45.8970)
contains.

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Color

**YIQ(59.1910, 20.2570,
45.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	6B1873
RGB	107, 24, 115
RGB Percent	42%, 9%, 45%
CMY	0.5801, 0.9060, 0.5490
CMYK	0.07, 0.79, 0.00, 0.55
HSL	295°, 66%, 27%
HSV	295°, 79%, 45%
XYZ	9.4918, 5.0195, 16.6890
YIQ	59.1910, 20.2570, 45.8970

Conversions

Conversions Part 2

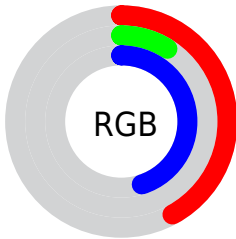
Format	Color
R_{YB}	107, 24, 115
Decimal	7018611
CIE _{Lab}	26.79, 47.53, -33.26
CIE _{LCh}	27, 58.012, 325.021
Yxy	5.0195, 0.3042, 0.1609
Android (android.graphics.Color)	4285208691 (0xFF6B1873)
YUV	59.1910, 27.5138, 41.9285
Hunter-Lab	22.4043, 36.4156, -28.4823

Details

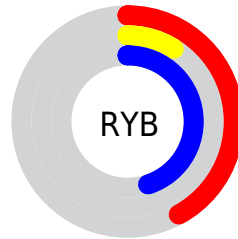
The YIQ color **59.1910, 20.2570, 45.8970** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.8090, -20.2570, -45.8970**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.0770, 20.5780, 45.5860**, and **23.9690, 11.5940, 32.1860** is the 20% darker color. If you saturate the color by 10%, you get **51.8480, 22.9610, 51.9610**, and if you desaturate by 10%, it is **65.9470, 17.8280, 40.3560**.

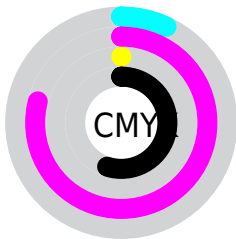
Distribution



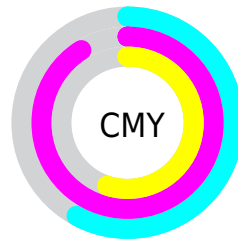
- Red (42%)
- Green (9%)
- Blue (45%)



- Red (42%)
- Yellow (9%)
- Blue (45%)



- Cyan (7%)
- Magenta (79%)
- Yellow (0%)
- Black (55%)



- Cyan (58%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.1910, 20.2570, 45.8970 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 59.1910, 20.2570, 45.8970 by changing the saturation by 10% instead.

■ 59.1910, 20.2570,
45.8970

■ 59.1910, 20.2570,
45.8970

■ 255.0000, -0.0000,
-0.0000

■ 34.4790, 19.3860,
45.1620

■ 113.0770, 20.5780,
45.5860

■ 23.9690, 11.5940,
32.1860

■ 139.7890, 21.4490,
46.3210

■ 14.8830, 5.5440,
20.6800

■ 167.5010, 22.3200,
47.0560

■ 2.9810, -7.0160,
6.0080

■ 195.3270, 22.8700,
48.1020

■ 0.0000, 0.0000,
0.0000

■ 213.9100, 19.2500,
36.6100

■ 230.9330, 11.2750,

21.4430

247.9560, 3.3000,
6.2760

59.1910, 20.2570,
45.8970

59.1910, 20.2570,
45.8970

51.8480, 22.9610,
51.9610

65.9470, 17.8280,
40.3560

45.0920, 25.3900,
57.5020

73.2900, 15.1240,
34.2920

44.5050, 25.6650,
58.0250

80.0460, 12.6950,
28.7510

87.3890, 9.9910,
22.6870

94.1450, 7.5620,
17.1460

■ 101.4880, 4.8580,
11.0820

■ 108.2440, 2.4290,
5.5410

■ 115.5870, -0.2750,
-0.5230

■ 122.3430, -2.7040,
-6.0640

Harmonies

Analogous

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



56.8880, -45.5780, 22.0540



59.1910, 20.2570, 45.8970



48.3880, 56.4310, 51.1110

Triad

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



59.1910, 20.2570, 45.8970



60.0480, 34.4350, -12.8370



58.9470, -54.3750, -11.2630

Complementary

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



59.1910, 20.2570, 45.8970



79.8090, -20.2570, -45.8970

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.



53.1160, -39.3340, -25.0460



59.1910, 20.2570, 45.8970



54.8220, 5.2320, -28.7520

Square

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



59.1910, 20.2570, 45.8970



56.7020, 59.5570, 5.4530



45.9000, -21.7710, -40.4830



61.8770, -65.3810, 0.9790

Rectangle

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



59.1910, 20.2570, 45.8970



45.9790, 67.5280, 42.7280



45.9000, -21.7710, -40.4830



57.2370, -49.5600, -15.9280

Sweetspot

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



59.1910, 20.2570, 45.8970



127.9710, 8.1120, 18.1920



39.6570, -31.6860, 23.5940



62.9010, 5.1330, 11.6050



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



59.1910, 20.2570, 45.8970



63.0580, 31.8980, 71.7220



57.4790, 36.5810, 36.3970



55.1790, 1.0540, 2.9260



47.3960, 27.5900, 61.6860



96.6720, 55.6380, 126.0860

Inverse Universe

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



52.1210, 51.6680, 21.7800



51.8260, 80.7800, 33.8360



81.5210, -36.5810, -36.3970



54.7940, 3.5760, 1.2720



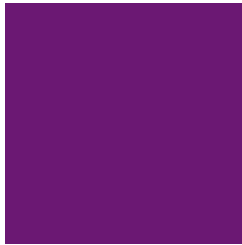
37.7320, 69.1810, 29.2850



77.2580, 141.9380, 59.8420

Previews

White Background



This preview shows how the YIQ color 59.1910, 20.2570, 45.8970 looks on a white background.

Color Contrast Check

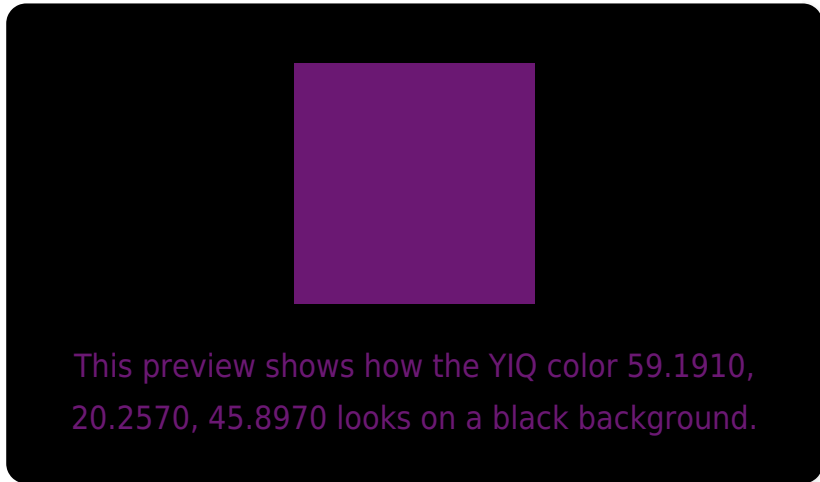
Large Text (above 18pt) WCAG AA ✓ Pass

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

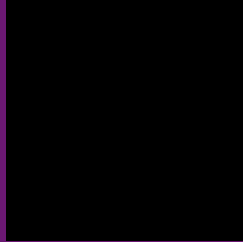
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.1910, 20.2570, 45.8970

Background



This preview shows how black text looks on a background with the YIQ color 59.1910, 20.2570, 45.8970.



This preview shows how white text looks on a background with the YIQ color 59.1910, 20.2570,

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

59.1910, 20.2570, 45.8970

Deuteranopia

61.0460, -32.0040, 7.3240

Tritanopia

64.7050, 29.1120, 12.0560

Trichromacy



Original Color

59.1910, 20.2570, 45.8970

Deuteranomaly

60.2430, -13.0250, 21.3030

Tritanomaly

62.9410, 25.9920, 24.5520

Monochromacy



Original Color

59.1910, 20.2570, 45.8970

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7320, 7.2870, 16.6230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.1910, 20.2570, 45.8970 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(107, 24, 115)` looks like.

```
.text, #text, p{  
    color:rgb(107, 24, 115)  
}
```

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(107, 24, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 24, 115) }
```

Border

The CSS property to change the border of an element to YIQ 59.1910, 20.2570, 45.8970 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(107, 24, 115) }
```

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

```
.border{ border-color:rgb(107, 24, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 24, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 24, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 24, 115);  
box-shadow:4px 4px 4px 4px rgb(107, 24,  
115) }
```


Background

The CSS property to change the background color of an element to YIQ 59.1910, 20.2570, 45.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 24, 115) }
```

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

```
.background{ background-color: rgb(107, 24,  
115) }
```

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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