

Converting Colors

YIQ(59.5200, 19.0270, 2.0910)

Have a look what the booklet for
YIQ(59.5200, 19.0270, 2.0910)
contains.

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Color

**YIQ(59.5200, 19.0270,
2.0910)**

Conversions

Conversions Part 1

Format	Color
Hex	4F352A
RGB	79, 53, 42
RGB Percent	31%, 21%, 16%
CMY	0.6901, 0.7922, 0.8352
CMYK	0.00, 0.33, 0.47, 0.69
HSL	18°, 31%, 24%
HSV	18°, 47%, 31%
XYZ	4.9165, 4.3754, 2.7779
YIQ	59.5200, 19.0270, 2.0910

Conversions

Conversions Part 2

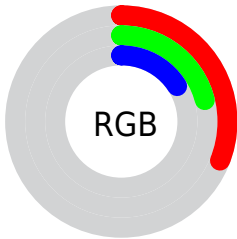
Format	Color
RYB	79, 58, 42
Decimal	5190954
CIELab	24.88, 10.11, 11.60
CIELCh	25, 15.386, 48.918
Yxy	4.3754, 0.4073, 0.3625
Android (android.graphics.Color)	4283381034 (0xFF4F352A)
YUV	59.5200, -8.6374, 17.0840
Hunter-Lab	20.9174, 5.3499, 6.7683

Details

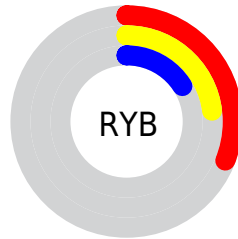
The YIQ color **59.5200, 19.0270, 2.0910** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **61.4800, -19.0270, -2.0910**, and the grayscale version is **60.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **107.1890, 21.4570, 2.1050**, and **15.4490, 17.7890, 2.5010** is the 20% darker color. If you saturate the color by 10%, you get **55.0860, 23.2450, 2.7410**, and if you desaturate by 10%, it is **63.9540, 14.8090, 1.4410**.

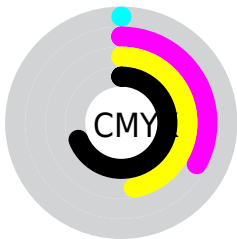
Distribution



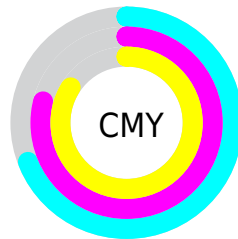
- Red (31%)
- Green (21%)
- Blue (16%)



- Red (31%)
- Yellow (23%)
- Blue (16%)



- Cyan (0%)
- Magenta (33%)
- Yellow (47%)
- Black (69%)



- Cyan (69%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.5200, 19.0270, 2.0910 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 59.5200, 19.0270, 2.0910 by changing the saturation by 10% instead.

■ 59.5200, 19.0270,
2.0910

■ 59.5200, 19.0270,
2.0910

■ 255.0000, -0.0000,
-0.0000

■ 37.7370, 16.9180,
1.7660

■ 107.1890, 21.4570,
2.1050

■ 15.4490, 17.7890,
2.5010

■ 132.7870, 22.6490,
2.5290

■ 0.0000, 0.0000,
0.0000

■ 158.9720, 23.5660,
2.4300

■ 185.5700, 24.7580,
2.8540

■ 213.8690, 25.3540,
3.0660

■ 237.8680, 17.9270,

-0.0010

254.0880, 2.5680,
-2.4880

59.5200, 19.0270,
2.0910

59.5200, 19.0270,
2.0910

55.0860, 23.2450,
2.7410

63.9540, 14.8090,
1.4410

51.2390, 27.1880,
2.8680

67.8010, 10.8660,
1.3140

46.8050, 31.4060,
3.5180

72.2350, 6.6480,
0.6640

42.9580, 35.3490,
3.6450

76.0820, 2.7050,
0.5370

38.6380, 39.2460,
4.6060

80.5160, -1.5130,
-0.1130

■ 37.1220, 40.7590,
4.7190

■ 84.2490, -5.1350,
-0.5510

■ 88.6830, -9.3530,
-1.2010

■ 92.5300, -13.2960,
-1.3280

■ 96.9640, -17.5140,
-1.9780

Harmonies

Analogous

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



60.3830, 18.1550, 6.8830



59.5200, 19.0270, 2.0910



58.7920, 15.0850, -3.5630

Triad

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



59.5200, 19.0270, 2.0910



54.1780, -15.5410, -10.2050



59.7250, -9.1710, 6.5170

Complementary

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



59.5200, 19.0270, 2.0910



61.4800, -19.0270, -2.0910

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.



56.2180, -21.0450, 1.4430



59.5200, 19.0270, 2.0910



51.9580, -26.5450, -9.0170

Square

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



59.5200, 19.0270, 2.0910



55.6370, -3.7120, -9.8240



52.8100, -28.8840, -5.1720



61.0640, 3.1160, 9.6120

Rectangle

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



59.5200, 19.0270, 2.0910



57.8730, 10.3630, -6.0930



52.8100, -28.8840, -5.1720



58.6320, -13.3430, 5.0330

Sweetspot

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



59.5200, 19.0270, 2.0910



94.5340, 7.2440, 0.8760



56.1410, 13.3850, 16.2410



46.4520, 4.5390, 0.3390



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



59.5200, 19.0270, 2.0910



72.0220, 29.2970, 3.1930



70.0860, 14.0770, -7.3230



36.3700, 1.8340, -0.1980



48.1080, 52.5420, 5.9340



108.6860, 118.3800, 13.1960

Inverse Universe

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



61.4800, -19.0270, -2.0910



74.9780, -29.2970, -3.1930



50.9140, -14.0770, 7.3230



36.2170, -2.1090, -0.3250



53.8920, -52.5420, -5.9340



120.7270, -118.1050, -12.6730

Previews

White Background



This preview shows how the YIQ color 59.5200, 19.0270, 2.0910 looks on a white background.

Color Contrast Check

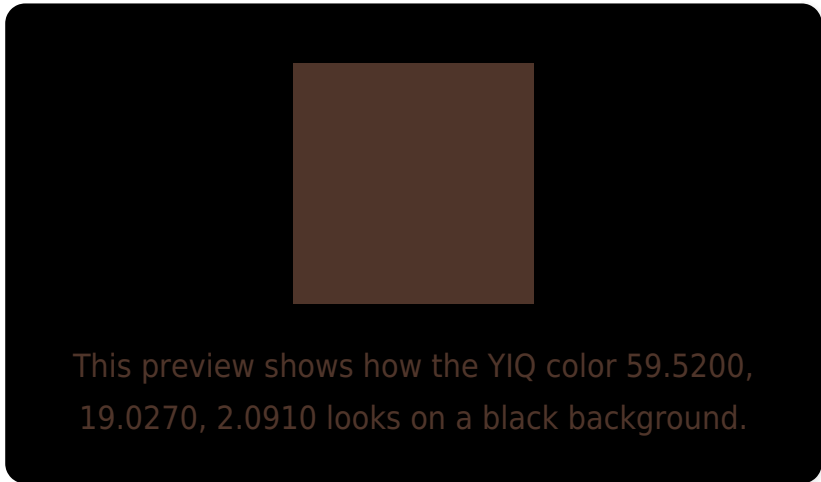
Large Text (above 18pt) WCAG AA ✓ Pass

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

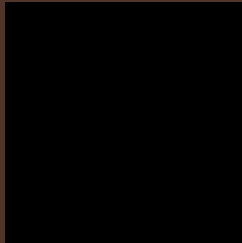
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.5200, 19.0270, 2.0910

Background



This preview shows how black text looks on a background with the YIQ color 59.5200, 19.0270, 2.0910.

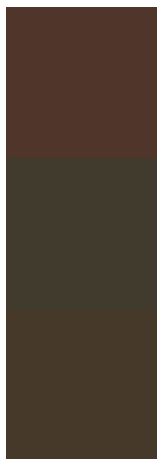


This preview shows how white text looks on a background with the YIQ color 59.5200, 19.0270,

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

59.5200, 19.0270, 2.0910

Protanopia

58.8990, 7.4740, -3.2940

Deuteranopia

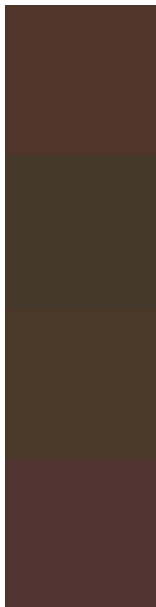
59.3620, 13.4800, -2.0080



Tritanopia

60.1270, 16.0000, 7.3920

Trichromacy



Original Color

59.5200, 19.0270, 2.0910

Protanomaly

59.1060, 11.3250, -1.4990

Deuteranomaly

59.6720, 15.5430, -0.8490

Tritanomaly

60.1440, 17.3300, 5.3140

Monochromacy



Original Color

59.5200, 19.0270, 2.0910

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

59.5340, 7.2440, 0.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.5200, 19.0270, 2.0910 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(79, 53, 42)` looks like.

```
.text, #text, p{  
    color:rgb(79, 53, 42)  
}
```

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(79, 53, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 53, 42) }
```

Border

The CSS property to change the border of an element to YIQ 59.5200, 19.0270, 2.0910 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(79, 53, 42) }
```


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

```
.border{ border-color:rgb(79, 53, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 53, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 53, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 53, 42);  
box-shadow:4px 4px 4px 4px rgb(79, 53, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.5200, 19.0270, 2.0910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 53, 42) }
```

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

```
.background{ background-color: rgb(79, 53,  
42) }
```

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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