

Converting Colors

YIQ(58.1670, 10.4960, 19.0400)

Have a look what the booklet for
YIQ(58.1670, 10.4960, 19.0400)
contains.

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Color

**YIQ(58.1670, 10.4960,
19.0400)**

Conversions

Conversions Part 1

Format	Color
Hex	502B4F
RGB	80, 43, 79
RGB Percent	31%, 17%, 31%
CMY	0.6862, 0.8314, 0.6902
CMYK	0.00, 0.46, 0.01, 0.69
HSL	302°, 30%, 24%
HSV	302°, 46%, 31%
XYZ	5.5854, 3.9979, 7.8751
YIQ	58.1670, 10.4960, 19.0400

Conversions

Conversions Part 2

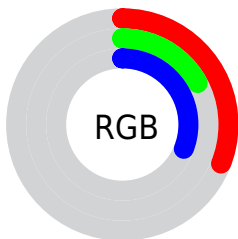
Format	Color
R_{YB}	80, 43, 79
Decimal	5253967
CIE _{Lab}	23.66, 23.42, -14.94
CIE _{LCh}	24, 27.783, 327.465
Yxy	3.9979, 0.3199, 0.2290
Android (android.graphics.Color)	4283444047 (0xFF502B4F)
YUV	58.1670, 10.2707, 19.1475
Hunter-Lab	19.9947, 14.8718, -9.3556

Details

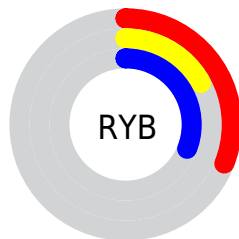
The YIQ color **58.1670, 10.4960, 19.0400** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64.8330, -10.4960, -19.0400**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **106.2920, 11.6420, 20.2980**, and **14.4550, 9.6250, 18.3050** is the 20% darker color. If you saturate the color by 10%, you get **53.4710, 12.6960, 23.2240**, and if you desaturate by 10%, it is **62.8630, 8.2960, 14.8560**.

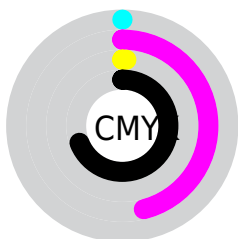
Distribution



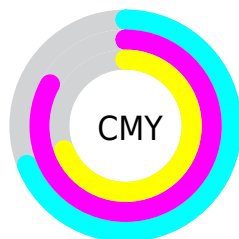
- Red (31%)
- Green (17%)
- Blue (31%)



- Red (31%)
- Yellow (17%)
- Blue (31%)



- Cyan (0%)
- Magenta (46%)
- Yellow (1%)
- Black (69%)



- Cyan (69%)
- Magenta (83%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.1670, 10.4960, 19.0400 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 58.1670, 10.4960, 19.0400 by changing the saturation by 10% instead.

■ 58.1670, 10.4960,
19.0400

■ 58.1670, 10.4960,
19.0400

■ 255.0000, -0.0000,
-0.0000

■ 35.4550, 9.6250,
18.3050

■ 106.2920, 11.6420,
20.2980

■ 14.4550, 9.6250,
18.3050

■ 132.0040, 12.5130,
21.0330

■ 1.1400, -3.2100,
3.1100

■ 157.8300, 13.0630,
22.0790

■ 0.0000, 0.0000,
0.0000

■ 185.2430, 13.3380,
22.6020

■ 212.6560, 13.6130,
23.1250

■ 235.6290, 9.0750,

17.2590

252.6520, 1.1000,
2.0920

58.1670, 10.4960,
19.0400

58.1670, 10.4960,
19.0400

53.4710, 12.6960,
23.2240

62.8630, 8.2960,
14.8560

48.7750, 14.8960,
27.4080

67.5590, 6.0960,
10.6720

43.9650, 17.4170,
31.2810

72.3690, 3.5750,
6.7990

39.2690, 19.6170,
35.4650

77.0650, 1.3750,
2.6150

34.5730, 21.8170,
39.6490

81.7610, -0.8250,
-1.5690

■ 32.8120, 22.6420,
41.2180

■ 86.4570, -3.0250,
-5.7530

■ 91.2670, -5.5460,
-9.6260

■ 95.9630, -7.7460,
-13.8100

■ 100.6590, -9.9460,
-17.9940

Harmonies

Analogous

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



57.2720, -11.9690, 13.1750



58.1670, 10.4960, 19.0400



56.8390, 26.0390, 18.1910

Triad

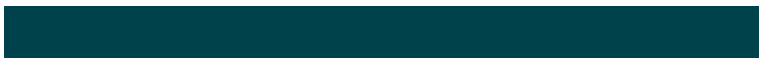
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.1670, 10.4960, 19.0400



54.2840, 22.1470, -10.4050



47.2920, -42.2250, -11.1930

Complementary

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



58.1670, 10.4960, 19.0400



64.8330, -10.4960, -19.0400

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.



44.8980, -35.4840, -17.7240



58.1670, 10.4960, 19.0400



52.3960, 6.9720, -16.2280

Square

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



58.1670, 10.4960, 19.0400



55.3980, 30.9940, -0.0300



48.1960, -15.9520, -19.2800



47.9420, -46.8110, -5.1710

Rectangle

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



58.1670, 10.4960, 19.0400



55.8410, 31.7250, 14.2610



48.1960, -15.9520, -19.2800



47.0810, -40.2530, -13.8930

Sweetspot

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



58.1670, 10.4960, 19.0400



96.0810, 4.4460, 7.5340



47.5170, -11.2810, 11.7190



48.0160, 3.0710, 4.9190



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



58.1670, 10.4960, 19.0400



70.1390, 16.8670, 30.2350



56.1150, 16.2740, 13.4420



38.6520, 1.1000, 2.0920



43.0230, 29.8380, 53.9820



95.1320, 65.7260, 119.4700

Inverse Universe

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



58.1670, 10.4960, 19.0400



70.1390, 16.8670, 30.2350



66.8850, -16.2740, -13.4420



38.6520, 1.1000, 2.0920



43.0230, 29.8380, 53.9820



95.1320, 65.7260, 119.4700

Previews

White Background



This preview shows how the YIQ color 58.1670, 10.4960, 19.0400 looks on a white background.

Color Contrast Check

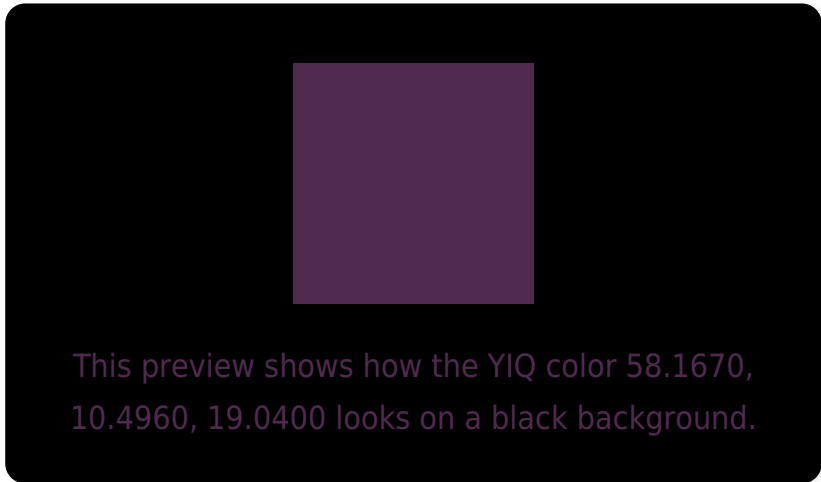
Large Text (above 18pt) WCAG AA ✓ Pass

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

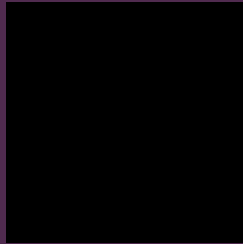
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.1670, 10.4960, 19.0400

Background



This preview shows how black text looks on a background with the YIQ color 58.1670, 10.4960, 19.0400.



This preview shows how white text looks on a background with the YIQ color 58.1670, 10.4960,

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

58.1670, 10.4960, 19.0400

Protanopia

56.2880, -18.0660, 8.0300

Deuteranopia

56.8990, -9.7210, 5.4710



Tritanopia

57.8280, 15.4040, 7.1800

Trichromacy



Original Color

58.1670, 10.4960, 19.0400

Protanomaly

56.7840, -7.6590, 12.1570

Deuteranomaly

57.3670, -2.1110, 10.7290

Tritanomaly

57.9790, 13.6610, 11.2370

Monochromacy



Original Color

58.1670, 10.4960, 19.0400

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.3690, 3.5750, 6.7990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.1670, 10.4960, 19.0400 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(80, 43, 79)` looks like.

```
.text, #text, p{  
    color:rgb(80, 43, 79)  
}
```

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(80, 43, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 43, 79) }
```

Border

The CSS property to change the border of an element to YIQ 58.1670, 10.4960, 19.0400 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(80, 43, 79) }
```


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

```
.border{ border-color:rgb(80, 43, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 43, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 43, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 43, 79);  
box-shadow:4px 4px 4px 4px rgb(80, 43, 79)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.1670, 10.4960, 19.0400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 43, 79) }
```

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

```
.background{ background-color: rgb(80, 43,  
79) }
```

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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