

Converting Colors

YIQ(67.3940, 19.6220, 7.8300)

Have a look what the booklet for
YIQ(67.3940, 19.6220, 7.8300)
contains.

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Color

**YIQ(67.3940, 19.6220,
7.8300)**

Conversions

Conversions Part 1

Format	Color
Hex	5B393B
RGB	91, 57, 59
RGB Percent	36%, 22%, 23%
CMY	0.6431, 0.7765, 0.7685
CMYK	0.00, 0.37, 0.35, 0.64
HSL	356°, 23%, 29%
HSV	356°, 37%, 36%
XYZ	6.5688, 5.4660, 4.8492
YIQ	67.3940, 19.6220, 7.8300

Conversions

Conversions Part 2

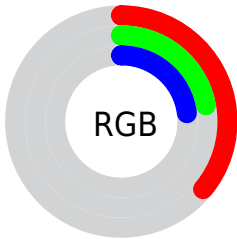
Format	Color
R_{YB}	91, 57, 59
Decimal	5978427
CIE _{Lab}	28.02, 15.43, 5.01
CIE _{LCh}	28, 16.226, 17.985
Yxy	5.4660, 0.3891, 0.3237
Android (android.graphics.Color)	4284168507 (0xFF5B393B)
YUV	67.3940, -4.1382, 20.7025
Hunter-Lab	23.3795, 9.2378, 4.0683

Details

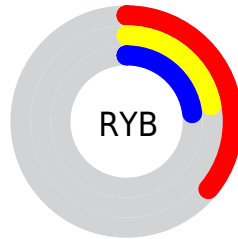
The YIQ color **67.3940, 19.6220, 7.8300** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **80.6060, -19.6220, -7.8300**, and the grayscale version is **67.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **115.5900, 22.0060, 8.6780**, and **23.3120, 16.9170, 7.2930** is the 20% darker color. If you saturate the color by 10%, you get **61.0850, 24.9860, 9.7380**, and if you desaturate by 10%, it is **73.7030, 14.2580, 5.9220**.

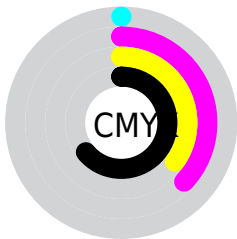
Distribution



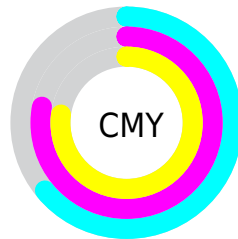
- Red (36%)
- Green (22%)
- Blue (23%)



- Red (36%)
- Yellow (22%)
- Blue (23%)



- Cyan (0%)
- Magenta (37%)
- Yellow (35%)
- Black (64%)



- Cyan (64%)
- Magenta (78%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3940, 19.6220, 7.8300 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 67.3940, 19.6220, 7.8300 by changing the saturation by 10% instead.

■ 67.3940, 19.6220,
7.8300

■ 67.3940, 19.6220,
7.8300

■ 255.0000, -0.0000,
-0.0000

■ 44.7960, 18.4300,
7.4060

■ 115.5900, 22.0060,
8.6780

■ 23.3120, 16.9170,
7.2930

■ 141.7750, 22.9230,
8.5790

■ 5.0830, 10.1320,
3.6040

■ 168.3730, 24.1150,
9.0030

■ 0.0000, 0.0000,
0.0000

■ 195.6720, 24.7110,
9.2150

■ 223.3840, 25.5820,
9.9500

■ 243.8980, 9.2150,

3.7030

■ 67.3940, 19.6220,
7.8300

■ 67.3940, 19.6220,
7.8300

■ 61.0850, 24.9860,
9.7380

■ 73.7030, 14.2580,
5.9220

■ 54.8900, 30.0290,
11.9570

■ 79.8980, 9.2150,
3.7030

■ 48.5810, 35.3930,
13.8650

■ 86.2070, 3.8510,
1.7950

■ 42.3860, 40.4360,
16.0840

■ 92.4020, -1.1920,
-0.4240

■ 35.4900, 46.0750,
18.5150

■ 98.7110, -6.5560,
-2.3320

■ 29.2950, 51.1180,
20.7340

■ 105.4930,
-11.8740, -5.0740

■ 27.7790, 52.6310,
20.8470

■ 111.8020,
-17.2380, -6.9820

■ 117.9970,
-22.2810, -9.2010

■ 124.3060,
-27.6450, -11.1090

Harmonies

Analogous

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



67.6800, 13.0650, 11.0250



67.3940, 19.6220, 7.8300



67.0040, 20.5400, 2.2040

Triad

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



67.3940, 19.6220, 7.8300



63.1100, -3.6660, -10.6580



63.3210, -22.8330, 0.8070

Complementary

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



67.3940, 19.6220, 7.8300



80.6060, -19.6220, -7.8300

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.



59.9130, -30.6720, -5.8080



67.3940, 19.6220, 7.8300



61.1670, -17.0080, -11.1520

Square

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



67.3940, 19.6220, 7.8300



64.7370, 7.7500, -8.2980



58.9470, -28.0120, -9.9640



66.6540, -10.4090, 6.9270

Rectangle

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



67.3940, 19.6220, 7.8300



66.1130, 18.6150, -1.4570



58.9470, -28.0120, -9.9640



62.0000, -26.3630, -1.2990

Sweetspot

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



67.3940, 19.6220, 7.8300



108.0010, 7.4270, 3.0670



70.4440, 8.1580, 17.3580



53.3920, 4.7680, 1.6960



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



67.3940, 19.6220, 7.8300



80.8900, 30.0290, 11.9570



75.9710, 16.1390, -0.6370



42.6090, 2.6590, 1.3710



33.6880, 63.3130, 25.4970



72.4590, 136.7580, 54.5980

Inverse Universe

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



67.3940, 19.6220, 7.8300



80.8900, 30.0290, 11.9570



72.0290, -16.1390, 0.6370



42.6090, 2.6590, 1.3710



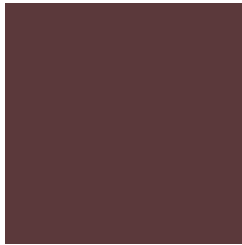
33.6880, 63.3130, 25.4970



72.4590, 136.7580, 54.5980

Previews

White Background



This preview shows how the YIQ color 67.3940, 19.6220, 7.8300 looks on a white background.

Color Contrast Check

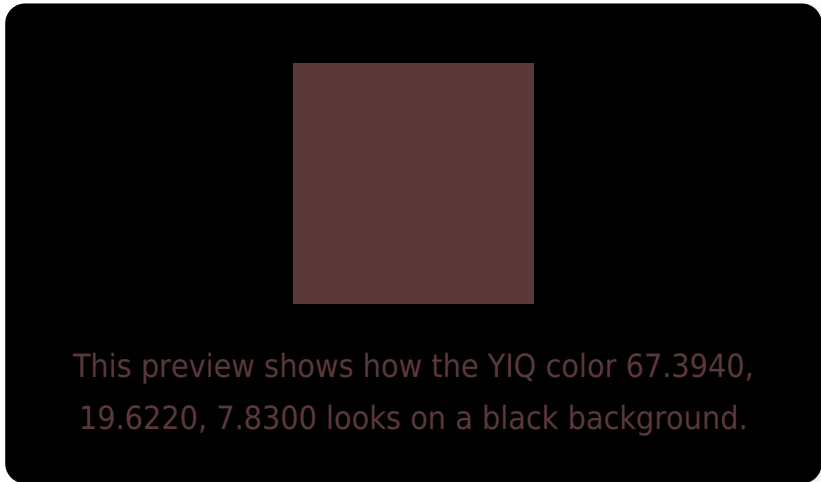
Large Text (above 18pt) WCAG AA ✓ Pass

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

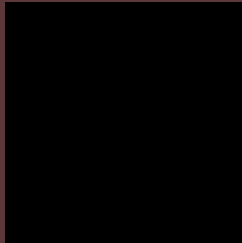
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.3940, 19.6220, 7.8300

Background



This preview shows how black text looks on a background with the YIQ color 67.3940, 19.6220, 7.8300.

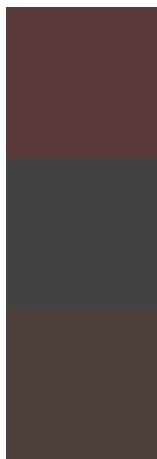


This preview shows how white text looks on a background with the YIQ color 67.3940, 19.6220,

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

67.3940, 19.6220, 7.8300

Protanopia

66.3700, 1.8340, -0.1980

Deuteranopia

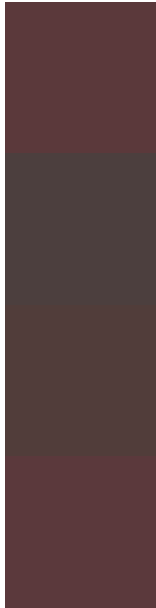
66.9040, 9.0780, 0.6780



Tritanopia

67.6220, 18.9800, 8.4520

Trichromacy



Original Color

67.3940, 19.6220, 7.8300

Protanomaly

66.7730, 8.0690, 2.4450

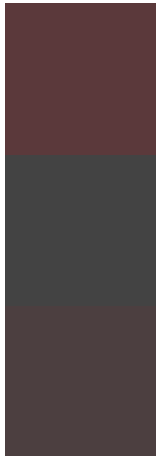
Deuteranomaly

66.6380, 12.8830, 3.3070

Tritanomaly

67.5080, 19.3010, 8.1410

Monochromacy



Original Color

67.3940, 19.6220, 7.8300

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

67.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3940, 19.6220, 7.8300 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(91, 57, 59)` looks like.

```
.text, #text, p{  
    color:rgb(91, 57, 59)  
}
```

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(91, 57, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 57, 59) }
```

Border

The CSS property to change the border of an element to YIQ 67.3940, 19.6220, 7.8300 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(91, 57, 59) }
```


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

```
.border{ border-color:rgb(91, 57, 59) }
```

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

Here you see how a box with a 4 pixel rgb(91, 57, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 57, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 57, 59);  
box-shadow:4px 4px 4px 4px rgb(91, 57, 59)  
}
```

Background

The CSS property to change the background color of an element to YIQ 67.3940, 19.6220, 7.8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 57, 59) }
```

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

```
.background{ background-color: rgb(91, 57,  
59) }
```

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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