

Converting Colors

YIQ(57.9850, 49.0550, 19.5750)

Have a look what the booklet for
YIQ(57.9850, 49.0550, 19.5750)
contains.

YIQ(57.9850, 49.0550, 19.5750)	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(57.9850, 49.0550,
19.5750)**

Conversions

Conversions Part 1

Format	Color
Hex	752025
RGB	117, 32, 37
RGB Percent	46%, 13%, 15%
CMY	0.5410, 0.8746, 0.8547
CMYK	0.00, 0.73, 0.68, 0.54
HSL	356°, 57%, 29%
HSV	356°, 73%, 46%
XYZ	8.1934, 4.9505, 2.2780
YIQ	57.9850, 49.0550, 19.5750

Conversions

Conversions Part 2

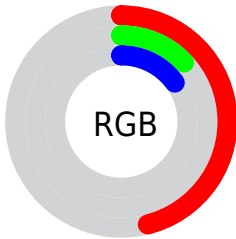
Format	Color
R_{YB}	117, 32, 37
Decimal	7675941
CIE Lab	26.59, 37.28, 18.33
CIE LCh	27, 41.544, 26.178
Yxy	4.9505, 0.5313, 0.3210
Android (android.graphics.Color)	4285866021 (0xFF752025)
YUV	57.9850, -10.3456, 51.7562
Hunter-Lab	22.2498, 26.7950, 9.5046

Details

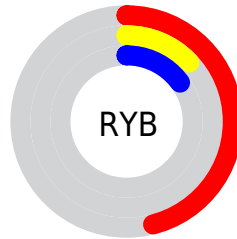
The YIQ color **57.9850, 49.0550, 19.5750** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **91.0150, -49.0550, -19.5750**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.0950, 54.5570, 18.9810**, and **18.5380, 36.9520, 13.1440** is the 20% darker color. If you saturate the color by 10%, you get **49.6870, 55.8860, 22.4300**, and if you desaturate by 10%, it is **66.2830, 42.2240, 16.7200**.

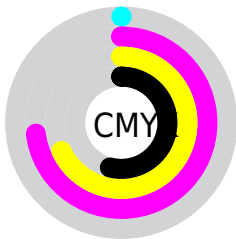
Distribution



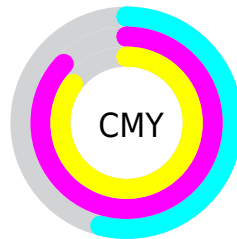
- Red (46%)
- Green (13%)
- Blue (15%)



- Red (46%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (73%)
- Yellow (68%)
- Black (54%)



- Cyan (54%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.9850, 49.0550, 19.5750 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 57.9850, 49.0550, 19.5750 by changing the saturation by 10% instead.

■ 57.9850, 49.0550,
19.5750

■ 57.9850, 49.0550,
19.5750

■ 255.0000, -0.0000,
-0.0000

■ 29.7230, 47.0370,
23.1090

■ 110.0950, 54.5570,
18.9810

■ 18.8370, 37.5480,
13.3560

■ 136.1770, 57.2620,
19.5180

■ 10.8780, 21.1350,
7.9430

■ 163.2590, 59.9670,
20.0550

■ 0.0000, 0.0000,
0.0000


■ 188.6500, 57.3080,
18.6840


■ 208.1640, 40.9410,
12.4370


■ 227.7920, 24.2530,


6.5010


 248.0070, 7.2900,
0.0420


 57.9850, 49.0550,
19.5750


 57.9850, 49.0550,
19.5750


 49.6870, 55.8860,
22.4300


 66.2830, 42.2240,
16.7200


 41.9760, 62.4420,
24.7620

 73.9940, 35.6680,
14.3880

 35.7810, 67.4850,
26.9810

 82.2920, 28.8370,
11.5330

 90.5900, 22.0060,
8.6780

 98.3010, 15.4500,
6.3460

■ 106.5990, 8.6190,
3.4910

■ 114.8970, 1.7880,
0.6360

■ 123.1950, -5.0430,
-2.2190

■ 130.9060,
-11.5990, -4.5510

Harmonies

Analogous

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



58.8720, 39.6080, 31.0960



57.9850, 49.0550, 19.5750



59.4830, 46.8120, -0.3560

Triad

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



57.9850, 49.0550, 19.5750



46.2880, -28.3750, -30.9270



54.3940, -59.4670, 3.9330

Complementary

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



57.9850, 49.0550, 19.5750



91.0150, -49.0550, -19.5750

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.



57.1350, -57.5400, -3.4600



57.9850, 49.0550, 19.5750



51.8110, -39.7930, -22.2330

Square

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



57.9850, 49.0550, 19.5750



55.4530, 10.8250, -25.4870



55.4590, -50.0650, -12.2810



62.1000, -22.9280, 19.0560

Rectangle

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



57.9850, 49.0550, 19.5750



59.4830, 37.6440, -10.4200



55.4590, -50.0650, -12.2810



55.9270, -59.6500, 1.7420

Sweetspot

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



57.9850, 49.0550, 19.5750



129.3940, 19.6220, 7.8300



65.3110, 19.7990, 43.1830



63.0940, 11.5990, 4.5510



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.



57.9850, 49.0550, 19.5750



60.6790, 76.7000, 30.6840



79.1340, 40.4850, -1.3310



54.7940, 3.5760, 1.2720



37.2760, 70.4650, 28.0410



76.4600, 144.1850, 57.6650

Inverse Universe

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



57.9850, 49.0550, 19.5750



60.6790, 76.7000, 30.6840



69.8660, -40.4850, 1.3310



54.7940, 3.5760, 1.2720



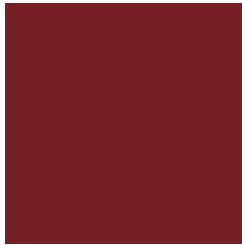
37.2760, 70.4650, 28.0410



76.4600, 144.1850, 57.6650

Previews

White Background



This preview shows how the YIQ color 57.9850, 49.0550, 19.5750 looks on a white background.

Color Contrast Check

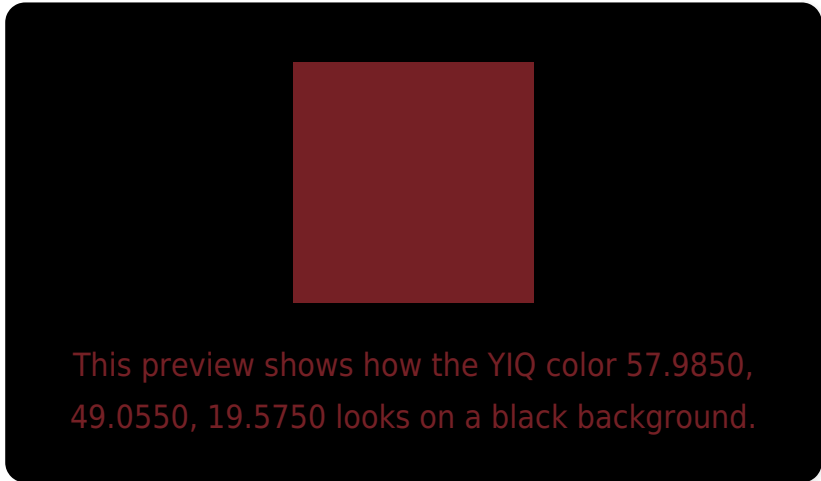
Large Text (above 18pt) WCAG AA ✓ Pass

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 57.9850, 49.0550, 19.5750

Background



This preview shows how black text looks on a background with the YIQ color 57.9850, 49.0550, 19.5750.



This preview shows how white text looks on a background with the YIQ color 57.9850, 49.0550,

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

57.9850, 49.0550, 19.5750

Protanopia

63.7850, 7.7950, -3.6050

Deuteranopia

63.0760, 20.0370, -5.2030



Tritanopia

58.2300, 49.7430, 18.1190

Trichromacy



Original Color

57.9850, 49.0550, 19.5750

Protanomaly

61.3680, 22.5110, 5.0310

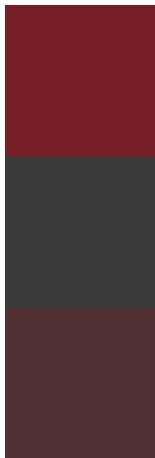
Deuteranomaly

61.0330, 30.7640, 4.1400

Tritanomaly

58.3440, 49.4220, 18.4300

Monochromacy



Original Color

57.9850, 49.0550, 19.5750

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.0840, 17.5590, 6.6710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.9850, 49.0550, 19.5750 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(117, 32, 37)` looks like.

```
.text, #text, p{  
    color:rgb(117, 32, 37)  
}
```

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(117, 32, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 32, 37) }
```

Border

The CSS property to change the border of an element to YIQ 57.9850, 49.0550, 19.5750 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(117, 32, 37) }
```


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

```
.border{ border-color:rgb(117, 32, 37) }
```

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

Here you see how a box with a 4 pixel rgb(117, 32, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 32, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 32, 37);  
box-shadow:4px 4px 4px 4px rgb(117, 32,  
37) }
```

Background

The CSS property to change the background color of an element to YIQ 57.9850, 49.0550, 19.5750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 32, 37) }
```

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

```
.background{ background-color: rgb(117, 32,  
37) }
```

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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