

Converting Colors

YIQ(57.2190, 57.4440, 27.2360)

Have a look what the booklet for
YIQ(57.2190, 57.4440, 27.2360)
contains.

YIQ(57.2190, 57.4440, 27.2360)	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(57.2190, 57.4440,
27.2360)**

Conversions

Conversions Part 1

Format	Color
Hex	811828
RGB	129, 24, 40
RGB Percent	51%, 9%, 16%
CMY	0.4939, 0.9060, 0.8429
CMYK	0.00, 0.81, 0.69, 0.49
HSL	351°, 69%, 30%
HSV	351°, 81%, 51%
XYZ	9.7730, 5.4773, 2.5545
YIQ	57.2190, 57.4440, 27.2360

Conversions

Conversions Part 2

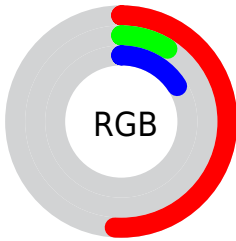
Format	Color
R_{YB}	129, 24, 40
Decimal	8460328
CIE _{Lab}	28.05, 44.36, 18.70
CIE _{LCh}	28, 48.137, 22.859
Yxy	5.4773, 0.5489, 0.3076
Android (android.graphics.Color)	4286650408 (0xFF811828)
YUV	57.2190, -8.4890, 62.9519
Hunter-Lab	23.4037, 33.5820, 9.9111

Details

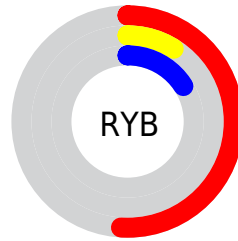
The YIQ color **57.2190, 57.4440, 27.2360** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **95.7810, -57.4440, -27.2360**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9760, 62.4420, 24.7620**, and **21.8270, 43.5080, 15.4760** is the 20% darker color. If you saturate the color by 10%, you get **48.3340, 64.5500, 30.6140**, and if you desaturate by 10%, it is **66.1040, 50.3380, 23.8580**.

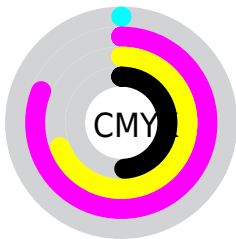
Distribution



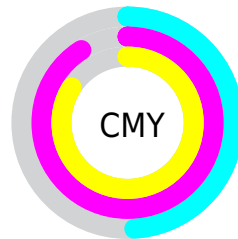
- Red (51%)
- Green (9%)
- Blue (16%)



- Red (51%)
- Yellow (9%)
- Blue (16%)



- Cyan (0%)
- Magenta (81%)
- Yellow (69%)
- Black (49%)



- Cyan (49%)
- Magenta (91%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2190, 57.4440, 27.2360 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 57.2190, 57.4440, 27.2360 by changing the saturation by 10% instead.

■ 57.2190, 57.4440,
27.2360

■ 57.2190, 57.4440,
27.2360

255.0000, -0.0000,
-0.0000

■ 32.4790, 53.7760,
27.6320

■ 111.9760, 62.4420,
24.7620

■ 21.8270, 43.5080,
15.4760

■ 138.9440, 65.4680,
24.9880

■ 14.2810, 27.3700,
10.5860

■ 166.9120, 68.4940,
25.2140

■ 0.0000, 0.0000,
0.0000

■ 187.9320, 56.5740,
20.9740

■ 207.4460, 40.2070,
14.7270

■ 226.9600, 23.8400,

8.4800

247.2890, 6.5560,
2.3320

57.2190, 57.4440,
27.2360

57.2190, 57.4440,
27.2360

48.3340, 64.5500,
30.6140

66.1040, 50.3380,
23.8580

40.8510, 70.4640,
33.5680

74.9890, 43.2320,
20.4800

83.8740, 36.1260,
17.1020

92.7590, 29.0200,
13.7240

101.0570, 22.1890,
10.8690

■ 109.9420, 15.0830,
7.4910

■ 118.8270, 7.9770,
4.1130

■ 127.7120, 0.8710,
0.7350

■ 136.4830, -5.9140,
-2.9540

Harmonies

Analogous

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



58.1920, 44.8790, 40.1990



57.2190, 57.4440, 27.2360



60.4410, 55.7980, 1.9900

Triad

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



57.2190, 57.4440, 27.2360



48.1970, -26.8610, -36.3410



59.3980, -65.2900, 4.8380

Complementary

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



57.2190, 57.4440, 27.2360



95.7810, -57.4440, -27.2360

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.



61.2100, -62.1250, -2.9650



57.2190, 57.4440, 27.2360



54.5180, -40.5260, -25.4700

Square

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



57.2190, 57.4440, 27.2360



59.2960, 12.7050, -26.5190



58.8500, -52.7240, -13.6520



62.5700, -35.9950, 19.0850

Rectangle

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



57.2190, 57.4440, 27.2360



62.4730, 43.6040, -8.3000



58.8500, -52.7240, -13.6520



60.2300, -64.8770, 2.8590

Sweetspot

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



57.2190, 57.4440, 27.2360



140.6440, 21.9140, 10.3460



62.2820, 18.7430, 51.3110



67.5180, 13.3410, 6.0210



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



57.2190, 57.4440, 27.2360



55.2990, 89.9940, 43.0660



75.9400, 52.9550, 3.9550



59.2070, 3.8510, 1.7950



40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Inverse Universe

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



57.2190, 57.4440, 27.2360



55.2990, 89.9940, 43.0660



77.0600, -52.9550, -3.9550



59.2070, 3.8510, 1.7950



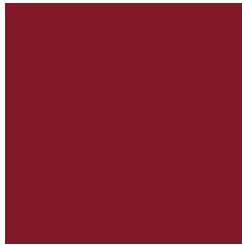
40.5520, 69.8680, 33.3560



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 57.2190, 57.4440, 27.2360 looks on a white background.

Color Contrast Check

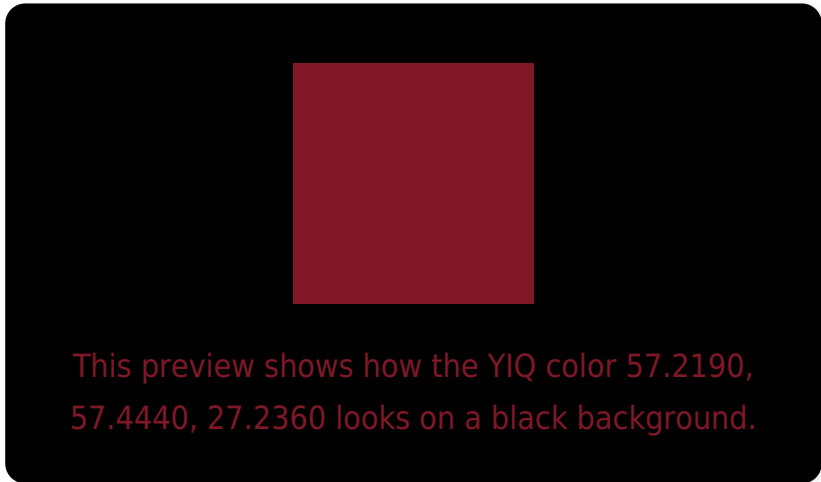
Large Text (above 18pt) WCAG AA ✓ Pass

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

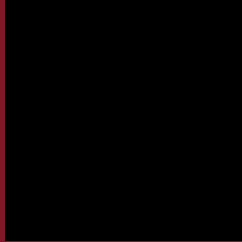
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.2190, 57.4440, 27.2360

Background



This preview shows how black text looks on a background with the YIQ color 57.2190, 57.4440, 27.2360.



This preview shows how white text looks on a background with the YIQ color 57.2190, 57.4440,

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

57.2190, 57.4440, 27.2360

Protanopia

67.8280, 6.2360, -2.8840

Deuteranopia

67.1470, 21.2750, -5.6130



Tritanopia

57.4980, 60.7920, 21.6240

Trichromacy



Original Color

57.2190, 57.4440, 27.2360

Protanomaly

64.0310, 25.0780, 8.0700

Deuteranomaly

63.3540, 34.2940, 6.2460

Tritanomaly

57.4810, 59.4620, 23.7020

Monochromacy



Original Color

57.2190, 57.4440, 27.2360

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0460, 20.7220, 9.9220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2190, 57.4440, 27.2360 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(129, 24, 40)` looks like.

```
.text, #text, p{  
    color:rgb(129, 24, 40)  
}
```

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(129, 24, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 24, 40) }
```

Border

The CSS property to change the border of an element to YIQ 57.2190, 57.4440, 27.2360 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(129, 24, 40) }
```


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

```
.border{ border-color:rgb(129, 24, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 24, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 24, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 24, 40);  
box-shadow:4px 4px 4px 4px rgb(129, 24,  
40) }
```

Background

The CSS property to change the background color of an element to YIQ 57.2190, 57.4440, 27.2360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 24, 40) }
```

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

```
.background{ background-color: rgb(129, 24,  
40) }
```

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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