

Converting Colors

YIQ(52.6400, 27.7370, 9.4410)

Have a look what the booklet for
YIQ(52.6400, 27.7370, 9.4410)
contains.

YIQ(52.6400, 27.7370, 9.4410)	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(52.6400, 27.7370,
9.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	552726
RGB	85, 39, 38
RGB Percent	33%, 15%, 15%
CMY	0.6666, 0.8471, 0.8509
CMYK	0.00, 0.54, 0.55, 0.67
HSL	1°, 38%, 24%
HSV	1°, 55%, 33%
XYZ	4.8240, 3.5225, 2.2618
YIQ	52.6400, 27.7370, 9.4410

Conversions

Conversions Part 2

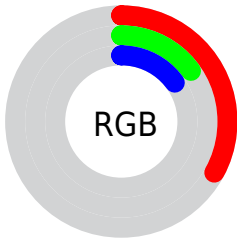
Format	Color
RYB	85, 39, 38
Decimal	5580582
CIELab	22.03, 21.22, 10.58
CIElCh	22, 23.713, 26.506
Yxy	3.5225, 0.4547, 0.3321
Android (android.graphics.Color)	4283770662 (0xFF552726)
YUV	52.6400, -7.2175, 28.3797
Hunter-Lab	18.7683, 13.0355, 5.9928

Details

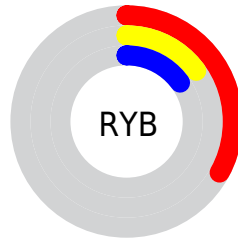
The YIQ color **52.6400, 27.7370, 9.4410** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **70.3600, -27.7370, -9.4410**, and the grayscale version is **53.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **100.3200, 31.6340, 10.4020**, and **11.6610, 23.2440, 8.2680** is the 20% darker color. If you saturate the color by 10%, you get **47.0320, 32.5050, 11.1370**, and if you desaturate by 10%, it is **58.3620, 22.6480, 8.0560**.

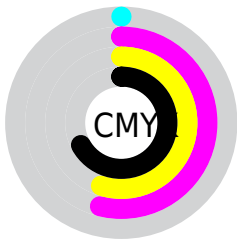
Distribution



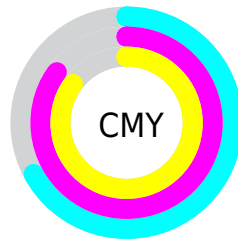
- Red (33%)
- Green (15%)
- Blue (15%)



- Red (33%)
- Yellow (15%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (55%)
- Black (67%)



- Cyan (67%)
- Magenta (85%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.6400, 27.7370, 9.4410 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 52.6400, 27.7370, 9.4410 by changing the saturation by 10% instead.

■ 52.6400, 27.7370,
9.4410

■ 52.6400, 27.7370,
9.4410

■ 255.0000, -0.0000,
-0.0000

■ 29.9710, 25.3070,
9.4270

■ 100.3200, 31.6340,
10.4020

■ 11.6610, 23.2440,
8.2680

■ 125.8040, 33.1470,
10.5150

■ 0.0000, 0.0000,
0.0000


■ 152.2880, 34.6600,
10.6280


■ 179.1850, 36.4480,
11.2640


■ 206.7830, 37.6400,
11.6880


■ 227.9060, 23.9320,


6.8120


 248.1210, 6.9690,
0.3530


 52.6400, 27.7370,
9.4410


 52.6400, 27.7370,
9.4410


 47.0320, 32.5050,
11.1370


 58.3620, 22.6480,
8.0560


 40.7230, 37.8690,
13.0450


 64.5570, 17.6050,
5.8370


 35.1150, 42.6370,
14.7410

 70.2790, 12.5160,
4.4520

 29.3930, 47.7260,
16.1260

 75.8870, 7.7480,
2.7560

 26.5890, 50.1100,
16.9740

 82.1960, 2.3840,
0.8480

■ 87.8040, -2.3840,
-0.8480

■ 93.5260, -7.4730,
-2.2330

■ 99.7210, -12.5160,
-4.4520

■ 105.4430,
-17.6050, -5.8370

Harmonies

Analogous

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



53.8060, 21.6380, 15.3500



52.6400, 27.7370, 9.4410



52.4730, 26.4090, 0.4650

Triad

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



52.6400, 27.7370, 9.4410



46.4570, -12.1930, -15.8170



45.6060, -36.8170, 0.9350

Complementary

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



52.6400, 27.7370, 9.4410



70.3600, -27.7370, -9.4410

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.



43.9810, -42.5470, -5.3550



52.6400, 27.7370, 9.4410



41.5070, -32.8250, -16.3530

Square

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



52.6400, 27.7370, 9.4410



49.2050, 6.1920, -13.1040



43.5590, -38.6030, -10.7550



53.2890, -10.6390, 11.0970

Rectangle

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



52.6400, 27.7370, 9.4410



51.7450, 22.4670, -5.1890



43.5590, -38.6030, -10.7550



43.3770, -43.6020, -2.7540

Sweetspot

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



52.6400, 27.7370, 9.4410



96.6810, 11.3240, 4.0280



57.2970, 13.2460, 24.2700



48.2890, 6.5560, 2.3320



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



52.6400, 27.7370, 9.4410



60.0010, 42.9580, 14.4300



66.1410, 21.4120, -2.5880



40.1960, 2.3840, 0.8480



33.1670, 63.2220, 21.6380



73.2000, 138.6850, 47.2050

Inverse Universe

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



70.3600, -27.7370, -9.4410



86.9990, -42.9580, -14.4300



56.8590, -21.4120, 2.5880



41.8040, -2.3840, -0.8480



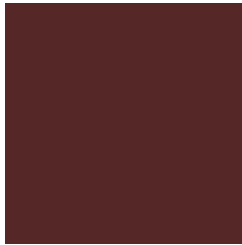
73.8330, -63.2220, -21.6380



161.8000, -138.6850, -47.2050

Previews

White Background



This preview shows how the YIQ color 52.6400, 27.7370, 9.4410 looks on a white background.

Color Contrast Check

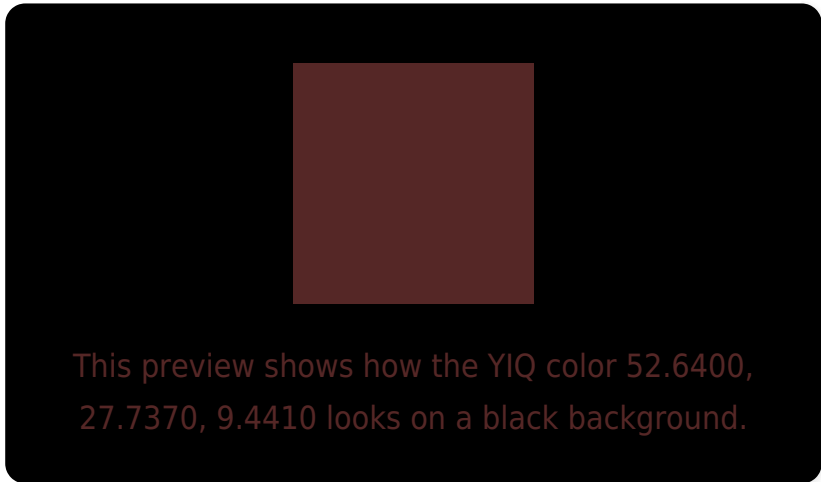
Large Text (above 18pt) WCAG AA ✓ Pass

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

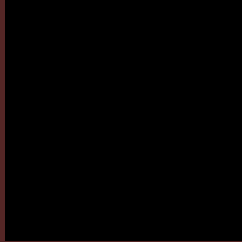
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 52.6400, 27.7370, 9.4410

Background



This preview shows how black text looks on a background with the YIQ color 52.6400, 27.7370, 9.4410.



This preview shows how white text looks on a background with the YIQ color 52.6400, 27.7370,

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

52.6400, 27.7370, 9.4410

Protanopia

52.8710, 4.6770, -2.1630

Deuteranopia

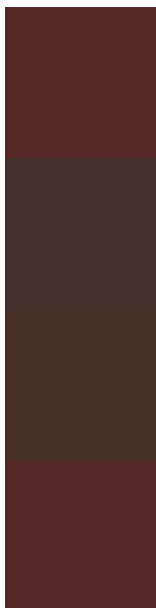
53.1770, 12.5630, -1.9090



Tritanopia

52.9820, 26.7740, 10.3740

Trichromacy



Original Color

52.6400, 27.7370, 9.4410

Protanomaly

52.9970, 13.2500, 2.1620

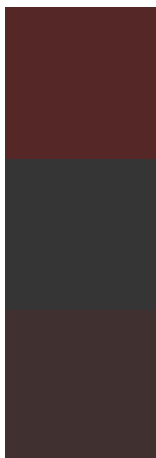
Deuteranomaly

53.3350, 18.1100, 2.1900

Tritanomaly

52.8680, 27.0950, 10.0630

Monochromacy



Original Color

52.6400, 27.7370, 9.4410

Achromatopsia

53.0000, -0.0000, -0.0000

Achromatomaly

53.0830, 10.1320, 3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.6400, 27.7370, 9.4410 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(85, 39, 38)` looks like.

```
.text, #text, p{  
    color:rgb(85, 39, 38)  
}
```

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(85, 39, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 39, 38) }
```

Border

The CSS property to change the border of an element to YIQ 52.6400, 27.7370, 9.4410 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(85, 39, 38) }
```


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

```
.border{ border-color:rgb(85, 39, 38) }
```

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

Here you see how a box with a 4 pixel rgb(85, 39, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 39, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 39, 38);  
box-shadow:4px 4px 4px 4px rgb(85, 39, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.6400, 27.7370, 9.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 39, 38) }
```

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

```
.background{ background-color: rgb(85, 39,  
38) }
```

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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