

Converting Colors

YIQ(54.4450, 32.7800, 11.6600)

Have a look what the booklet for
YIQ(54.4450, 32.7800, 11.6600)
contains.

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Color

**YIQ(54.4450, 32.7800,
11.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2626
RGB	93, 38, 38
RGB Percent	36%, 15%, 15%
CMY	0.6352, 0.8511, 0.8508
CMYK	0.00, 0.59, 0.59, 0.64
HSL	360°, 42%, 26%
HSV	360°, 59%, 36%
XYZ	5.5603, 3.8538, 2.2873
YIQ	54.4450, 32.7800, 11.6600

Conversions

Conversions Part 2

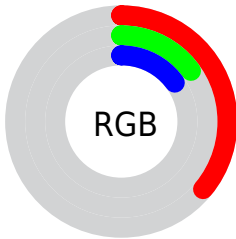
Format	Color
R_{YB}	93, 38, 38
Decimal	6104614
CIE _{Lab}	23.18, 25.21, 12.37
CIE _{LCh}	23, 28.083, 26.136
Yxy	3.8538, 0.4752, 0.3293
Android (android.graphics.Color)	4284294694 (0xFF5D2626)
YUV	54.4450, -8.1074, 33.8127
Hunter-Lab	19.6311, 16.2042, 6.8336

Details

The YIQ color **54.4450, 32.7800, 11.6600** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **76.5550, -32.7800, -11.6600**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **103.0110, 36.9980, 12.3100**, and **13.1560, 26.2240, 9.3280** is the 20% darker color. If you saturate the color by 10%, you get **48.1360, 38.1440, 13.5680**, and if you desaturate by 10%, it is **60.7540, 27.4160, 9.7520**.

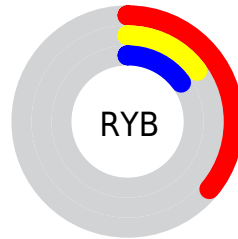
Distribution



Red (36%)

Green (15%)

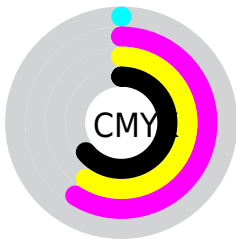
Blue (15%)



Red (36%)

Yellow (15%)

Blue (15%)

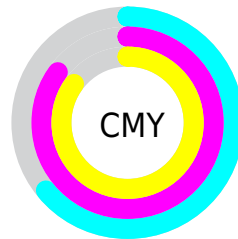


Cyan (0%)

Magenta (59%)

Yellow (59%)

Black (64%)



Cyan (64%)

Magenta (85%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.4450, 32.7800, 11.6600 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 54.4450, 32.7800, 11.6600 by changing the saturation by 10% instead.

■ 54.4450, 32.7800,
11.6600

■ 54.4450, 32.7800,
11.6600

■ 255.0000, -0.0000,
-0.0000

■ 30.8900, 30.0290,
11.9570

■ 103.3100, 37.5940,
12.5220

■ 13.1560, 26.2240,
9.3280

■ 128.7940, 39.1070,
12.6350

■ 0.0000, 0.0000,
0.0000

■ 155.5770, 41.2160,
12.9600

■ 182.4740, 43.0040,
13.5960

■ 208.2780, 40.6200,
12.7480

■ 227.9060, 23.9320,

6.8120

248.1210, 6.9690,
0.3530

54.4450, 32.7800,
11.6600

54.4450, 32.7800,
11.6600

48.1360, 38.1440,
13.5680

60.7540, 27.4160,
9.7520

41.1260, 44.1040,
15.6880

67.7640, 21.4560,
7.6320

34.8170, 49.4680,
17.5960

74.0730, 16.0920,
5.7240

28.5080, 54.8320,
19.5040

80.3820, 10.7280,
3.8160

27.8070, 55.4280,
19.7160

86.8050, 5.0430,
2.2190

■ 93.7010, -0.5960,
-0.2120

■ 100.0100, -5.9600,
-2.1200

■ 106.3190,
-11.3240, -4.0280

■ 113.3290,
-17.2840, -6.1480

Harmonies

Analogous

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



55.3660, 25.9930, 19.0250



54.4450, 32.7800, 11.6600



53.9250, 30.9480, 0.8040

Triad

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



54.4450, 32.7800, 11.6600



46.7940, -14.7600, -18.8560



45.1040, -47.0870, -0.1670

Complementary

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



54.4450, 32.7800, 11.6600



76.5550, -32.7800, -11.6600

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.



47.2410, -46.2150, -4.9590



54.4450, 32.7800, 11.6600



44.0830, -34.5670, -17.8230

Square

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



54.4450, 32.7800, 11.6600



51.2820, 7.2930, -16.5390



46.4770, -41.3080, -11.2920



55.7880, -13.4820, 13.0620

Rectangle

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



54.4450, 32.7800, 11.6600



53.7300, 26.8230, -7.0410



46.4770, -41.3080, -11.2920



46.1640, -47.3160, -1.5240

Sweetspot

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



54.4450, 32.7800, 11.6600



104.5780, 13.1120, 4.6640



60.4160, 14.5290, 28.5530



51.8870, 7.7480, 2.7560



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



54.4450, 32.7800, 11.6600



60.4150, 50.6600, 18.0200



70.2940, 25.3550, -2.4610



42.4950, 2.9800, 1.0600



32.8900, 65.5600, 23.3200



70.8630, 141.2520, 50.2440

Inverse Universe

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



54.4450, 32.7800, 11.6600



60.4150, 50.6600, 18.0200



60.7060, -25.3550, 2.4610



42.4950, 2.9800, 1.0600



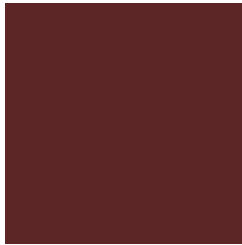
32.8900, 65.5600, 23.3200



70.8630, 141.2520, 50.2440

Previews

White Background



This preview shows how the YIQ color 54.4450, 32.7800, 11.6600 looks on a white background.

Color Contrast Check

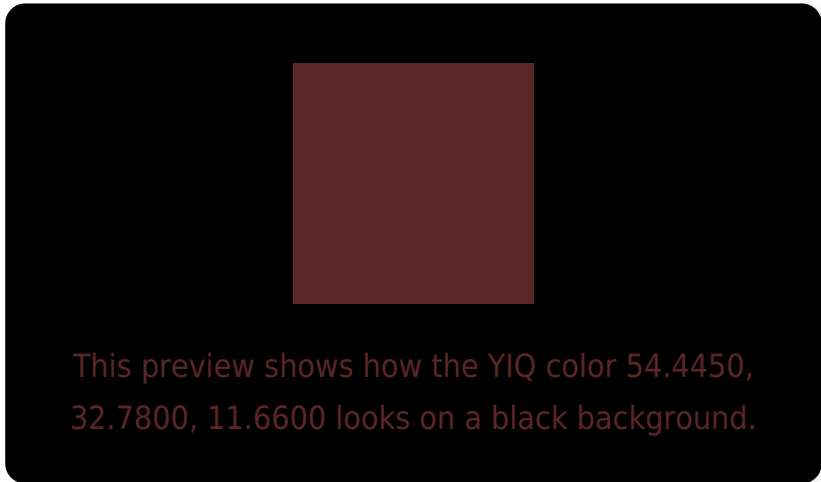
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.4450, 32.7800, 11.6600

Background



This preview shows how black text looks on a background with the YIQ color 54.4450, 32.7800, 11.6600.

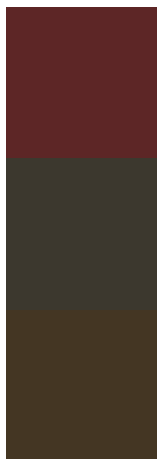


This preview shows how white text looks on a background with the YIQ color 54.4450, 32.7800,

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

54.4450, 32.7800, 11.6600

Protanopia

56.0560, 5.5940, -2.2620

Deuteranopia

56.0200, 14.4430, -2.9410



Tritanopia

54.6730, 32.1380, 12.2820

Trichromacy



Original Color

54.4450, 32.7800, 11.6600

Protanomaly

55.1930, 15.6340, 3.0100

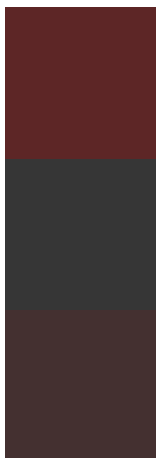
Deuteranomaly

55.3030, 21.1360, 2.4160

Tritanomaly

54.5590, 32.4590, 11.9710

Monochromacy



Original Color

54.4450, 32.7800, 11.6600

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

53.9800, 11.9200, 4.2400

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.4450, 32.7800, 11.6600 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(93, 38, 38)` looks like.

```
.text, #text, p{  
    color:rgb(93, 38, 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(93, 38, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 38, 38) }
```

Border

The CSS property to change the border of an element to YIQ 54.4450, 32.7800, 11.6600 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(93, 38, 38) }
```


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

```
.border{ border-color:rgb(93, 38, 38) }
```

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

Here you see how a box with a 4 pixel rgb(93, 38, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 38, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 38, 38);  
box-shadow:4px 4px 4px 4px rgb(93, 38, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 54.4450, 32.7800, 11.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 38, 38) }
```

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

```
.background{ background-color: rgb(93, 38,  
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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