

Converting Colors

YIQ(54.2090, 63.4040, 29.3560)

Have a look what the booklet for
YIQ(54.2090, 63.4040, 29.3560)
contains.

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Color

**YIQ(54.2090, 63.4040,
29.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	851222
RGB	133, 18, 34
RGB Percent	52%, 7%, 13%
CMY	0.4781, 0.9296, 0.8664
CMYK	0.00, 0.87, 0.74, 0.48
HSL	352°, 76%, 30%
HSV	352°, 87%, 52%
XYZ	10.1894, 5.5393, 2.0501
YIQ	54.2090, 63.4040, 29.3560

Conversions

Conversions Part 2

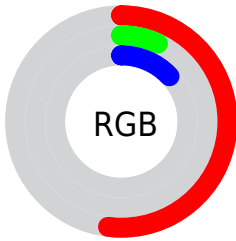
Format	Color
RYB	133, 18, 34
Decimal	8720930
CIELab	28.22, 46.92, 23.03
CIELCh	28, 52.272, 26.144
Yxy	5.5393, 0.5731, 0.3116
Android (android.graphics.Color)	4286911010 (0xFF851222)
YUV	54.2090, -9.9630, 69.0997
Hunter-Lab	23.5358, 36.0910, 11.3104

Details

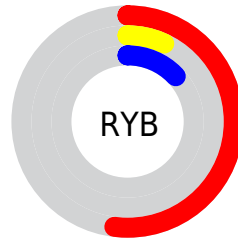
The YIQ color **54.2090, 63.4040, 29.3560** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **96.7910, -63.4040, -29.3560**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **110.9120, 68.4940, 25.2140**, and **22.4250, 44.7000, 15.9000** is the 20% darker color. If you saturate the color by 10%, you get **45.3240, 70.5100, 32.7340**, and if you desaturate by 10%, it is **63.2080, 55.9770, 26.2890**.

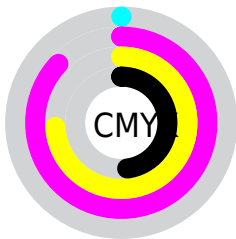
Distribution



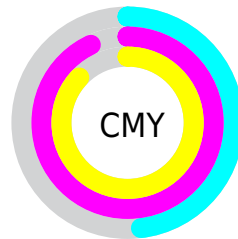
- Red (52%)
- Green (7%)
- Blue (13%)



- Red (52%)
- Yellow (7%)
- Blue (13%)



- Cyan (0%)
- Magenta (87%)
- Yellow (74%)
- Black (48%)



- Cyan (48%)
- Magenta (93%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 54.2090, 63.4040, 29.3560 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 54.2090, 63.4040, 29.3560 by changing the saturation by 10% instead.

■ 54.2090, 63.4040,
29.3560

■ 54.2090, 63.4040,
29.3560

■ 255.0000, -0.0000,
-0.0000

■ 32.5780, 57.8110,
26.0910

■ 110.9120, 68.4940,
25.2140

■ 22.7240, 45.2960,
16.1120

■ 138.1790, 72.1160,
25.6520

■ 14.8790, 28.5620,
11.0100

■ 165.8480, 74.5460,
25.6660

■ 0.0000, 0.0000,
0.0000

■ 185.8460, 59.6920,
19.5320

■ 205.3600, 43.3250,
13.2850

■ 224.9880, 26.6370,

7.3490

245.2030, 9.6740,
0.8900

54.2090, 63.4040,
29.3560

54.2090, 63.4040,
29.3560

45.3240, 70.5100,
32.7340

63.2080, 55.9770,
26.2890

41.9330, 73.1690,
34.1050

72.6800, 48.5960,
22.3880

81.5650, 41.4900,
19.0100

90.5640, 34.0630,
15.9430

99.4490, 26.9570,
12.5650

■ 109.0350, 19.2550,
8.9750

■ 117.9200, 12.1490,
5.5970

■ 126.9190, 4.7220,
2.5300

■ 136.3910, -2.6590,
-1.3710

Harmonies

Analogous

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



51.1380, 54.1390, 48.5950



54.2090, 63.4040, 29.3560



61.0990, 56.7610, 1.0570

Triad

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



54.2090, 63.4040, 29.3560



48.7840, -27.1360, -36.8640



60.3100, -67.8580, 7.3260

Complementary

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



54.2090, 63.4040, 29.3560



96.7910, -63.4040, -29.3560

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.



62.8230, -65.2890, -0.6890



54.2090, 63.4040, 29.3560



55.5610, -42.0850, -24.7490

Square

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



54.2090, 63.4040, 29.3560



58.0890, 8.8540, -28.3140



60.8220, -55.5210, -12.5210



64.0590, -32.8780, 23.1700

Rectangle

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



54.2090, 63.4040, 29.3560



63.3480, 42.4580, -9.5580



60.8220, -55.5210, -12.5210



61.8430, -68.0410, 5.1350

Sweetspot

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



54.2090, 63.4040, 29.3560



142.2530, 24.5730, 11.7170



60.4120, 21.4930, 56.5410



68.5290, 14.8080, 6.9680



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



54.2090, 63.4040, 29.3560



54.4630, 95.4040, 44.1400



75.8650, 57.5400, 3.4600



61.9080, 3.2550, 1.5830



40.9220, 71.7020, 33.1580



0.8970, 1.7880, 0.6360

Inverse Universe

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



54.2090, 63.4040, 29.3560



54.4630, 95.4040, 44.1400



75.1350, -57.5400, -3.4600



61.9080, 3.2550, 1.5830



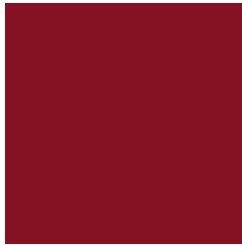
40.9220, 71.7020, 33.1580



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 54.2090, 63.4040, 29.3560 looks on a white background.

Color Contrast Check

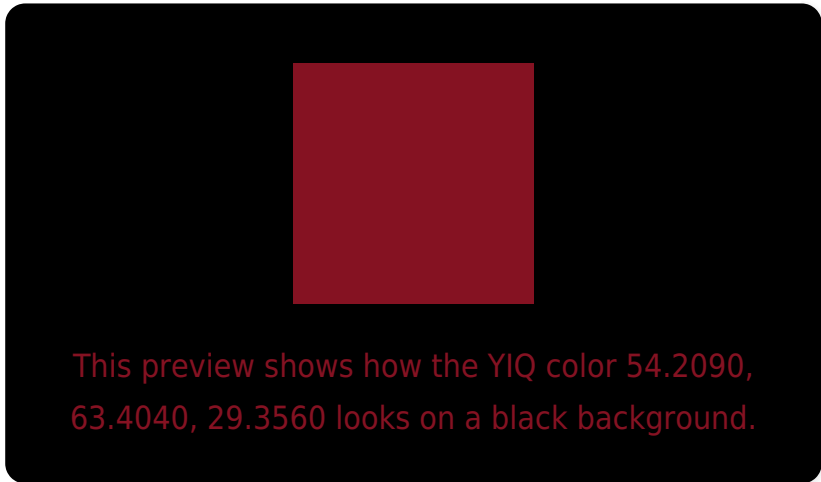
Large Text (above 18pt) WCAG AA ✓ Pass

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 54.2090, 63.4040, 29.3560

Background



This preview shows how black text looks on a background with the YIQ color 54.2090, 63.4040, 29.3560.



This preview shows how white text looks on a background with the YIQ color 54.2090, 63.4040,

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

54.2090, 63.4040, 29.3560

Protanopia

68.3290, 9.0790, -4.8490

Deuteranopia

66.9470, 24.7140, -7.3660



Tritanopia

54.3740, 67.0730, 23.4330

Trichromacy



Original Color

54.2090, 63.4040, 29.3560

Protanomaly

62.7710, 28.7460, 7.6740

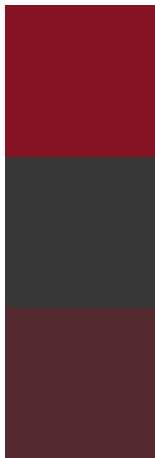
Deuteranomaly

62.3930, 38.5580, 6.0620

Tritanomaly

54.3570, 65.7430, 25.5110

Monochromacy



Original Color

54.2090, 63.4040, 29.3560

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.2420, 23.1060, 10.7700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 54.2090, 63.4040, 29.3560 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(133, 18, 34)` looks like.

```
.text, #text, p{  
    color:rgb(133, 18, 34)  
}
```

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(133, 18, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 18, 34) }
```

Border

The CSS property to change the border of an element to YIQ 54.2090, 63.4040, 29.3560 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(133, 18, 34) }
```


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

```
.border{ border-color:rgb(133, 18, 34) }
```

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

Here you see how a box with a 4 pixel rgb(133, 18, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 18, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 18, 34);  
box-shadow:4px 4px 4px 4px rgb(133, 18,  
34) }
```

Background

The CSS property to change the background color of an element to YIQ 54.2090, 63.4040, 29.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 18, 34) }
```

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

```
.background{ background-color: rgb(133, 18,  
34) }
```

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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