

Converting Colors

YIQ(52.2110, 33.5590, 14.0630)

Have a look what the booklet for
YIQ(52.2110, 33.5590, 14.0630)
contains.

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Color

**YIQ(52.2110, 33.5590,
14.0630)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2227
RGB	93, 34, 39
RGB Percent	36%, 13%, 15%
CMY	0.6352, 0.8667, 0.8469
CMYK	0.00, 0.63, 0.58, 0.64
HSL	355°, 47%, 25%
HSV	355°, 63%, 36%
XYZ	5.4560, 3.6184, 2.3332
YIQ	52.2110, 33.5590, 14.0630

Conversions

Conversions Part 2

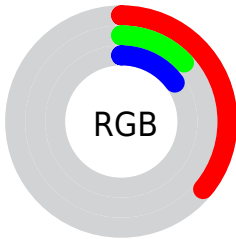
Format	Color
R_YB	93, 34, 39
Decimal	6103591
CIE Lab	22.37, 27.50, 10.60
CIE LCh	22, 29.472, 21.079
Yxy	3.6184, 0.4783, 0.3172
Android (android.graphics.Color)	4284293671 (0xFF5D2227)
YUV	52.2110, -6.5130, 35.7720
Hunter-Lab	19.0221, 17.9092, 6.0432

Details

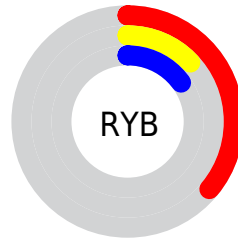
The YIQ color **52.2110, 33.5590, 14.0630** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.7890, -33.5590, -14.0630**, and the grayscale version is **52.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **101.0760, 38.3730, 14.9250**, and **13.4550, 26.8200, 9.5400** is the 20% darker color. If you saturate the color by 10%, you get **46.0160, 38.6020, 16.2820**, and if you desaturate by 10%, it is **58.5200, 28.1950, 12.1550**.

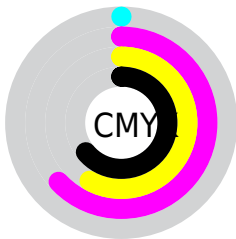
Distribution



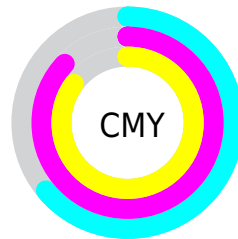
- Red (36%)
- Green (13%)
- Blue (15%)



- Red (36%)
- Yellow (13%)
- Blue (15%)



- Cyan (0%)
- Magenta (63%)
- Yellow (58%)
- Black (64%)



- Cyan (64%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 52.2110, 33.5590, 14.0630 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 52.2110, 33.5590, 14.0630 by changing the saturation by 10% instead.

■ 52.2110, 33.5590,
14.0630

■ 52.2110, 33.5590,
14.0630

■ 255.0000, -0.0000,
-0.0000

■ 28.0690, 31.0830,
14.8830

■ 101.0760, 38.3730,
14.9250

■ 13.4550, 26.8200,
9.5400

■ 126.5600, 39.8860,
15.0380

■ 0.0000, 0.0000,
0.0000

■ 153.3430, 41.9950,
15.3630


■ 180.2400, 43.7830,
15.9990


■ 206.6310, 41.1240,
14.6280


■ 225.6720, 24.7110,


9.2150


 245.8870, 7.7480,
2.7560


 52.2110, 33.5590,
14.0630


 52.2110, 33.5590,
14.0630


 46.0160, 38.6020,
16.2820


 58.5200, 28.1950,
12.1550


 39.1200, 44.2410,
18.7130


 65.3020, 22.8770,
9.4130

 32.9250, 49.2840,
20.9320

 71.6110, 17.5130,
7.5050

 28.7190, 52.8600,
22.2040

 77.8060, 12.4700,
5.2860

 84.1150, 7.1060,
3.3780

■ 90.8970, 1.7880,
0.6360

■ 97.2060, -3.5760,
-1.2720

■ 103.4010, -8.6190,
-3.4910

■ 110.2970,
-14.2580, -5.9220

Harmonies

Analogous

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



53.8220, 24.7090, 20.2690



52.2110, 33.5590, 14.0630



52.0610, 33.5610, 3.0090

Triad

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



52.2110, 33.5590, 14.0630



45.1210, -11.3670, -19.7750



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.



52.2110, 33.5590, 14.0630



74.7890, -33.5590, -14.0630

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.



46.3120, -44.9770, -5.3690



52.2110, 33.5590, 14.0630



42.8120, -32.3660, -19.1660

Square

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



52.2110, 33.5590, 14.0630



49.3210, 11.5570, -16.7230



45.4340, -39.7490, -12.0130



52.6240, -18.8920, 11.9880

Rectangle

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



52.2110, 33.5590, 14.0630



51.3390, 29.4820, -5.6700



45.4340, -39.7490, -12.0130



46.0500, -46.9950, -1.8350

Sweetspot

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



52.2110, 33.5590, 14.0630



104.1050, 13.0660, 5.4980



56.5730, 12.6490, 29.5850



51.3000, 8.0230, 3.2790



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.



52.2110, 33.5590, 14.0630



57.1210, 51.6680, 21.7800



65.7290, 28.5640, -0.0440



42.6090, 2.6590, 1.3710



33.9160, 62.6710, 26.1190



73.1430, 134.8320, 56.4640

Inverse Universe

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



52.2110, 33.5590, 14.0630



57.1210, 51.6680, 21.7800



61.2710, -28.5640, 0.0440



42.6090, 2.6590, 1.3710



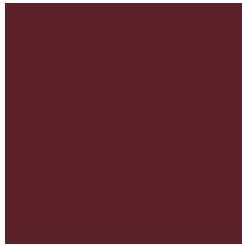
33.9160, 62.6710, 26.1190



73.1430, 134.8320, 56.4640

Previews

White Background



This preview shows how the YIQ color 52.2110, 33.5590, 14.0630 looks on a white background.

Color Contrast Check

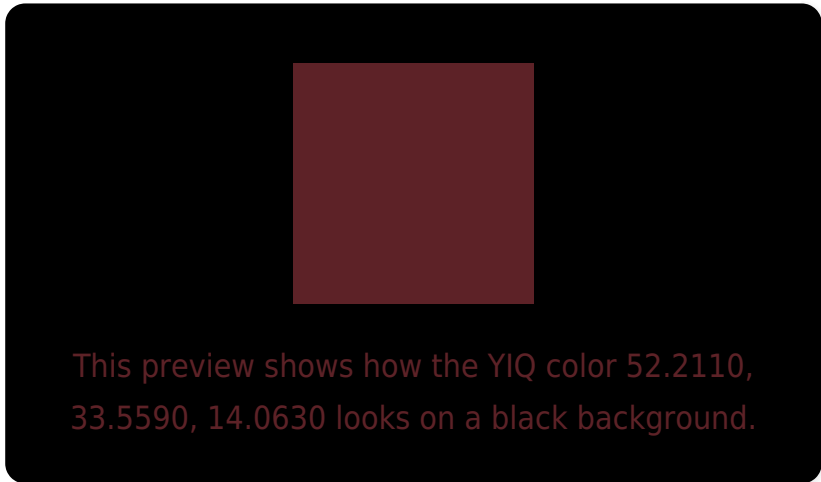
Large Text (above 18pt) WCAG AA ✓ Pass

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 52.2110, 33.5590, 14.0630

Background



This preview shows how black text looks on a background with the YIQ color 52.2110, 33.5590, 14.0630.



This preview shows how white text looks on a background with the YIQ color 52.2110, 33.5590,

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

52.2110, 33.5590, 14.0630

Protanopia

54.2130, 3.7140, -1.2300

Deuteranopia

54.0630, 12.8840, -2.2200



Tritanopia

51.8690, 34.5220, 13.1300

Trichromacy



Original Color

52.2110, 33.5590, 14.0630

Protanomaly

53.6490, 14.3500, 4.2540

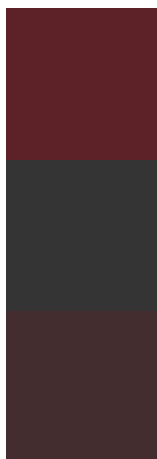
Deuteranomaly

53.0580, 20.4480, 3.8720

Tritanomaly

51.9830, 34.2010, 13.4410

Monochromacy



Original Color

52.2110, 33.5590, 14.0630

Achromatopsia

52.0000, -0.0000, -0.0000

Achromatomaly

51.8060, 12.4700, 5.2860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 52.2110, 33.5590, 14.0630 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, 34, 39)` looks like.

```
.text, #text, p{  
    color:rgb(93, 34, 39)  
}
```

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, 34, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 34, 39) }
```

Border

The CSS property to change the border of an element to YIQ 52.2110, 33.5590, 14.0630 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, 34, 39) }
```


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

```
.border{ border-color:rgb(93, 34, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 34, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 34, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 34, 39);  
box-shadow:4px 4px 4px 4px rgb(93, 34, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 52.2110, 33.5590, 14.0630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 34, 39) }
```

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

```
.background{ background-color: rgb(93, 34,  
39) }
```

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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