

Converting Colors

YIQ(51.0540, 35.4390, 13.0310)

Have a look what the booklet for
YIQ(51.0540, 35.4390, 13.0310)
contains.

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Color

**YIQ(51.0540, 35.4390,
13.0310)**

Conversions

Conversions Part 1

Format	Color
Hex	5D2122
RGB	93, 33, 34
RGB Percent	36%, 13%, 13%
CMY	0.6352, 0.8707, 0.8665
CMYK	0.00, 0.65, 0.63, 0.64
HSL	359°, 48%, 25%
HSV	359°, 65%, 36%
XYZ	5.3503, 3.5311, 1.9156
YIQ	51.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

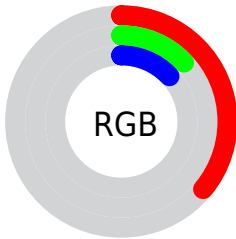
Format	Color
R_{YB}	93, 33, 34
Decimal	6103330
CIE Lab	22.06, 27.59, 13.60
CIE LCh	22, 30.757, 26.237
Yxy	3.5311, 0.4955, 0.3270
Android (android.graphics.Color)	4284293410 (0xFF5D2122)
YUV	51.0540, -8.4076, 36.7866
Hunter-Lab	18.7912, 17.9388, 7.1096

Details

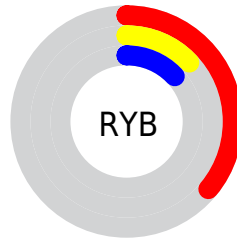
The YIQ color **51.0540, 35.4390, 13.0310** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **74.9460, -35.4390, -13.0310**, and the grayscale version is **51.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **99.8050, 40.5740, 13.5820**, and **13.1560, 26.2240, 9.3280** is the 20% darker color. If you saturate the color by 10%, you get **44.7450, 40.8030, 14.9390**, and if you desaturate by 10%, it is **57.3630, 30.0750, 11.1230**.

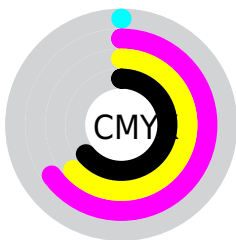
Distribution



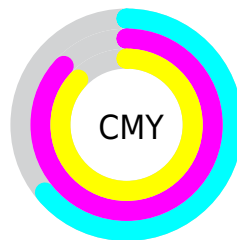
- Red (36%)
- Green (13%)
- Blue (13%)



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



- Cyan (0%)
- Magenta (65%)
- Yellow (63%)
- Black (64%)



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

Brightness & Saturation Gradients

These gradients show how the YIQ color 51.0540, 35.4390, 13.0310 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 51.0540, 35.4390, 13.0310 by changing the saturation by 10% instead.

■ 51.0540, 35.4390,
13.0310

■ 51.0540, 35.4390,
13.0310

■ 255.0000, -0.0000,
-0.0000

■ 26.6840, 33.6050,
13.2290

■ 99.8050, 40.5740,
13.5820

■ 13.1560, 26.2240,
9.3280

■ 125.5880, 42.6830,
13.9070

■ 0.0000, 0.0000,
0.0000

■ 152.0720, 44.1960,
14.0200

■ 179.2680, 46.5800,
14.8680

■ 204.7730, 43.6000,
13.8080

■ 224.2870, 27.2330,

7.5610

244.6160, 9.9490,
1.4130

51.0540, 35.4390,
13.0310

51.0540, 35.4390,
13.0310

44.7450, 40.8030,
14.9390

57.3630, 30.0750,
11.1230

37.8490, 46.4420,
17.3700

64.2590, 24.4360,
8.6920

31.5400, 51.8060,
19.2780

70.5680, 19.0720,
6.7840

28.0350, 54.7860,
20.3380

76.9910, 13.3870,
5.1870

83.3000, 8.0230,
3.2790

■ 90.1960, 2.3840,
0.8480

■ 96.5050, -2.9800,
-1.0600

■ 102.8140, -8.3440,
-2.9680

■ 109.7100,
-13.9830, -5.3990

Harmonies

Analogous

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



52.2030, 28.0100, 21.0180



51.0540, 35.4390, 13.0310



51.3660, 34.0200, 0.1960

Triad

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



51.0540, 35.4390, 13.0310



42.0600, -18.5650, -21.4850



44.0440, -46.8580, 1.1900

Complementary

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



51.0540, 35.4390, 13.0310



74.9460, -35.4390, -13.0310

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.



46.0670, -45.6650, -3.9130



51.0540, 35.4390, 13.0310



42.5670, -33.0540, -17.7100

Square

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



51.0540, 35.4390, 13.0310



47.5980, 9.2190, -18.4050



45.1890, -40.4370, -10.5570



52.9450, -15.3620, 14.0940

Rectangle

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



51.0540, 35.4390, 13.0310



50.3450, 29.3450, -8.6950



45.1890, -40.4370, -10.5570



45.1040, -47.0870, -0.1670

Sweetspot

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



51.0540, 35.4390, 13.0310



103.8770, 13.7080, 4.8760



57.1820, 15.3080, 30.9560



51.1860, 8.3440, 2.9680



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.



51.0540, 35.4390, 13.0310



55.6220, 54.5110, 19.8150



67.3760, 28.0600, -1.9240



42.4950, 2.9800, 1.0600



33.1180, 64.9180, 23.9420



71.3190, 139.9680, 51.4880

Inverse Universe

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



51.0540, 35.4390, 13.0310



55.6220, 54.5110, 19.8150



58.6240, -28.0600, 1.9240



42.4950, 2.9800, 1.0600



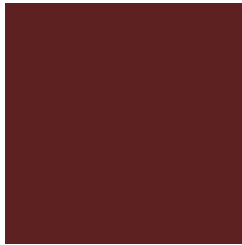
33.1180, 64.9180, 23.9420



71.3190, 139.9680, 51.4880

Previews

White Background



This preview shows how the YIQ color 51.0540, 35.4390, 13.0310 looks on a white background.

Color Contrast Check

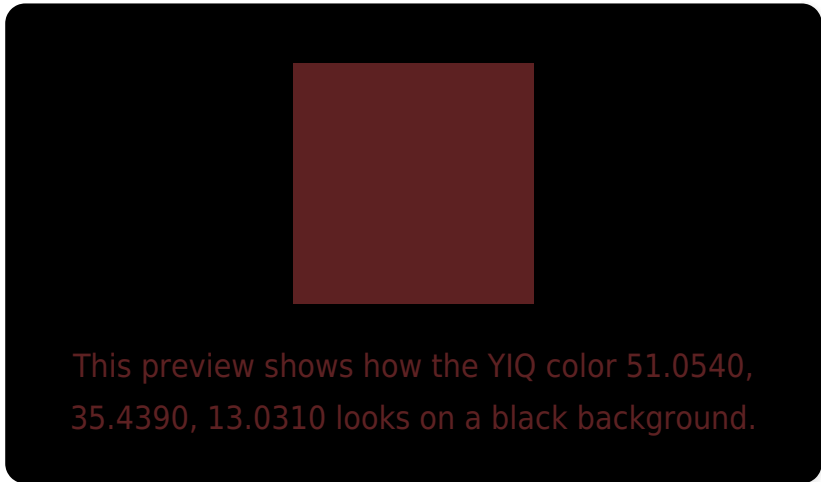
Large Text (above 18pt) WCAG AA ✓ Pass

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

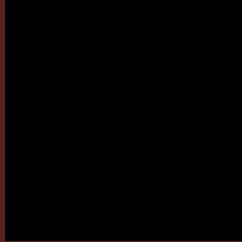
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 51.0540, 35.4390, 13.0310

Background



This preview shows how black text looks on a background with the YIQ color 51.0540, 35.4390, 13.0310.

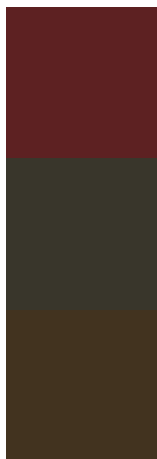


This preview shows how white text looks on a background with the YIQ color 51.0540, 35.4390,

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

51.0540, 35.4390, 13.0310

Protanopia

53.6430, 5.3190, -2.7850

Deuteranopia

53.2050, 15.3600, -3.0400



Tritanopia

51.1680, 35.1180, 13.3420

Trichromacy



Original Color

51.0540, 35.4390, 13.0310

Protanomaly

52.4920, 16.2300, 3.2220

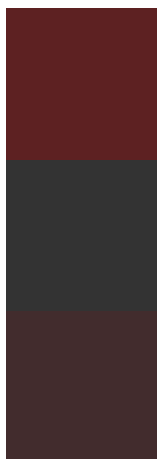
Deuteranomaly

52.2000, 22.9240, 3.0520

Tritanomaly

51.1680, 35.1180, 13.3420

Monochromacy



Original Color

51.0540, 35.4390, 13.0310

Achromatopsia

51.0000, -0.0000, -0.0000

Achromatomaly

50.6920, 12.7910, 4.9750

CSS Examples

Text

The CSS property to change the color of the text to YIQ 51.0540, 35.4390, 13.0310 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, 33, 34)` looks like.

```
.text, #text, p{  
    color:rgb(93, 33, 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(93, 33, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 33, 34) }
```

Border

The CSS property to change the border of an element to YIQ 51.0540, 35.4390, 13.0310 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, 33, 34) }
```


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

```
.border{ border-color:rgb(93, 33, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 33, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 33, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 33, 34);  
box-shadow:4px 4px 4px 4px rgb(93, 33, 34)  
}
```

Background

The CSS property to change the background color of an element to YIQ 51.0540, 35.4390, 13.0310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 33, 34) }
```

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

```
.background{ background-color: rgb(93, 33,  
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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