

Converting Colors

YIQ(68.0710, 10.4060, 9.6540)

Have a look what the booklet for
YIQ(68.0710, 10.4060, 9.6540)
contains.

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Color

**YIQ(68.0710, 10.4060,
9.6540)**

Conversions

Conversions Part 1

Format	Color
Hex	543B49
RGB	84, 59, 73
RGB Percent	33%, 23%, 29%
CMY	0.6705, 0.7687, 0.7137
CMYK	0.00, 0.30, 0.13, 0.67
HSL	326°, 18%, 28%
HSV	326°, 30%, 33%
XYZ	6.4240, 5.4936, 7.0265
YIQ	68.0710, 10.4060, 9.6540

Conversions

Conversions Part 2

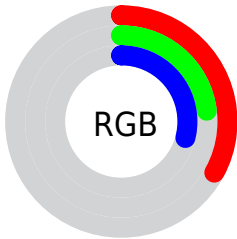
Format	Color
R_{YB}	84, 59, 73
Decimal	5520201
CIE _{Lab}	28.10, 13.60, -4.19
CIE _{LCh}	28, 14.227, 342.865
Yxy	5.4936, 0.3391, 0.2900
Android (android.graphics.Color)	4283710281 (0xFF543B49)
YUV	68.0710, 2.4300, 13.9697
Hunter-Lab	23.4385, 7.9058, -1.3673

Details

The YIQ color **68.0710, 10.4060, 9.6540** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **74.9290, -10.4060, -9.6540**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.1960, 11.5520, 10.9120**, and **24.6470, 8.6640, 8.1840** is the 20% darker color. If you saturate the color by 10%, you get **62.9190, 13.8900, 12.5940**, and if you desaturate by 10%, it is **73.2230, 6.9220, 6.7140**.

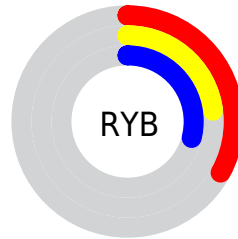
Distribution



Red (33%)

Green (23%)

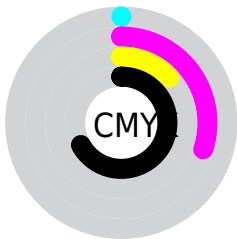
Blue (29%)



Red (33%)

Yellow (23%)

Blue (29%)

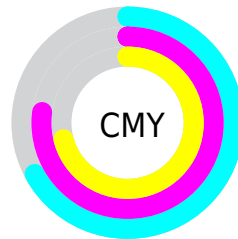


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (67%)



Cyan (67%)

Magenta (77%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 68.0710, 10.4060, 9.6540 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 68.0710, 10.4060, 9.6540 by changing the saturation by 10% instead.

■ 68.0710, 10.4060,
9.6540

■ 68.0710, 10.4060,
9.6540

■ 255.0000, -0.0000,
-0.0000

■ 45.7720, 9.8100,
9.4420

■ 116.1960, 11.5520,
10.9120

■ 24.6470, 8.6640,
8.1840

■ 142.0820, 11.8730,
10.6010

■ 4.1150, 7.1060,
3.3780

■ 168.4950, 12.1480,
11.1240

■ 0.0000, 0.0000,
0.0000

■ 195.7940, 12.7440,
11.3360

■ 224.0930, 13.3400,
11.5480

■ 246.7820, 3.8500,

7.3220

■ 68.0710, 10.4060,
9.6540

■ 68.0710, 10.4060,
9.6540

■ 62.9190, 13.8900,
12.5940

■ 73.2230, 6.9220,
6.7140

■ 57.2940, 17.3280,
16.3680

■ 78.8480, 3.4840,
2.9400

■ 52.1420, 20.8120,
19.3080

■ 84.0000, -0.0000,
-0.0000

■ 46.4030, 24.5710,
22.7710

■ 89.7390, -3.7590,
-3.4630

■ 41.3650, 27.7340,
26.0220

■ 94.7770, -6.9220,
-6.7140

■ 36.2130, 31.2180,
28.9620

■ 99.9290, -10.4060,
-9.6540

■ 30.4740, 34.9770,
32.4250

■ 105.6680,
-14.1650, -13.1170

■ 110.8200,
-17.6490, -16.0570

■ 116.4450,
-21.0870, -19.8310

Harmonies

Analogous

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



67.8680, 0.7320, 8.7640



68.0710, 10.4060, 9.6540



67.4260, 16.5960, 7.6040

Triad

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



68.0710, 10.4060, 9.6540



65.0900, 8.2540, -6.4180



61.0770, -25.2620, -4.7340

Complementary

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



68.0710, 10.4060, 9.6540



74.9290, -10.4060, -9.6540

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.



60.8230, -21.7310, -8.1550



68.0710, 10.4060, 9.6540



63.8330, -1.3280, -8.9760

Square

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



68.0710, 10.4060, 9.6540



66.1450, 15.5890, -1.6830



62.4450, -11.9190, -9.7670



63.5770, -20.6780, 0.2980

Rectangle

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



68.0710, 10.4060, 9.6540



67.2150, 18.5680, 4.9040



62.4450, -11.9190, -9.7670



61.0230, -25.1700, -6.4020

Sweetspot

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



68.0710, 10.4060, 9.6540



103.5600, 4.3550, 3.6750



65.1390, -1.4690, 10.1070



52.1360, 2.6130, 2.2050



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.



68.0710, 10.4060, 9.6540



84.4680, 16.7780, 15.3220



66.7030, 14.2580, 5.9220



38.4240, 1.7420, 1.4700



38.1210, 43.6410, 40.6090



84.1880, 96.5420, 89.6140

Inverse Universe

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



68.0710, 10.4060, 9.6540



84.4680, 16.7780, 15.3220



76.2970, -14.2580, -5.9220



38.4240, 1.7420, 1.4700



38.1210, 43.6410, 40.6090



84.1880, 96.5420, 89.6140

Previews

White Background



This preview shows how the YIQ color 68.0710, 10.4060, 9.6540 looks on a white background.

Color Contrast Check

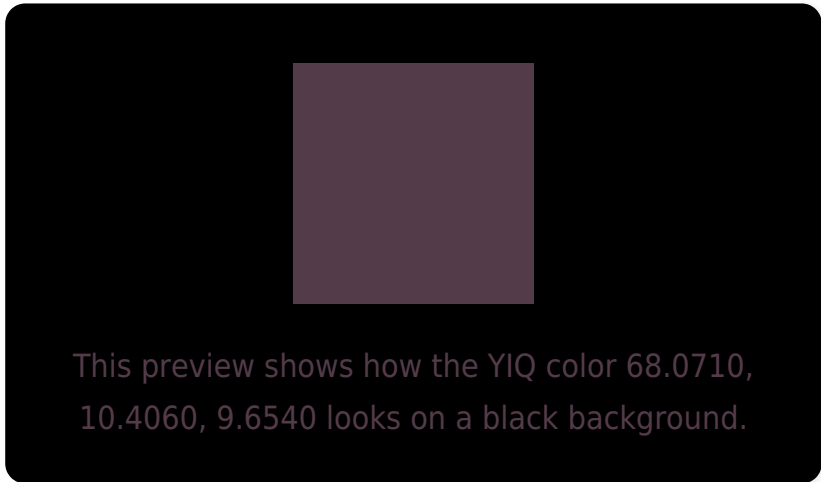
Large Text (above 18pt) WCAG AA ✓ Pass

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

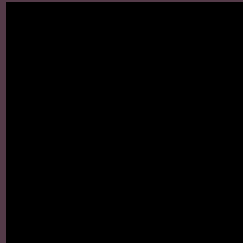
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 68.0710, 10.4060, 9.6540

Background



This preview shows how black text looks on a background with the YIQ color 68.0710, 10.4060, 9.6540.

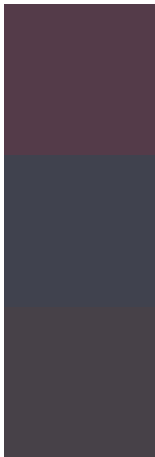


This preview shows how white text looks on a background with the YIQ color 68.0710, 10.4060,

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

68.0710, 10.4060, 9.6540

Protanopia

66.7700, -5.0440, 3.3080

Deuteranopia

67.5920, 1.3290, 3.4490



Tritanopia

67.4470, 12.1030, 6.4310

Trichromacy



Original Color

68.0710, 10.4060, 9.6540

Protanomaly

66.8740, 0.5950, 5.7390

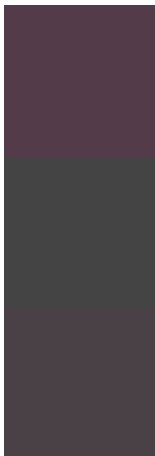
Deuteranomaly

67.9130, 4.8590, 5.5550

Tritanomaly

67.7890, 11.1400, 7.3640

Monochromacy



Original Color

68.0710, 10.4060, 9.6540

Achromatopsia

68.0000, -0.0000, 0.0000

Achromatomaly

68.2610, 3.7590, 3.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 68.0710, 10.4060, 9.6540 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(84, 59, 73)` looks like.

```
.text, #text, p{  
    color:rgb(84, 59, 73)  
}
```

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(84, 59, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 59, 73) }
```

Border

The CSS property to change the border of an element to YIQ 68.0710, 10.4060, 9.6540 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(84, 59, 73) }
```


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

```
.border{ border-color:rgb(84, 59, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 59, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 59, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 59, 73);  
box-shadow:4px 4px 4px 4px rgb(84, 59, 73)  
}
```

Background

The CSS property to change the background color of an element to YIQ 68.0710, 10.4060, 9.6540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 59, 73) }
```

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

```
.background{ background-color: rgb(84, 59,  
73) }
```

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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