

Converting Colors

YIQ(59.4520, 13.7070, 10.4030)

Have a look what the booklet for
YIQ(59.4520, 13.7070, 10.4030)
contains.

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Color

**YIQ(59.4520, 13.7070,
10.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	4F313E
RGB	79, 49, 62
RGB Percent	31%, 19%, 24%
CMY	0.6901, 0.8079, 0.7568
CMYK	0.00, 0.38, 0.22, 0.69
HSL	334°, 23%, 25%
HSV	334°, 38%, 31%
XYZ	5.1937, 4.2066, 5.0973
YIQ	59.4520, 13.7070, 10.4030

Conversions

Conversions Part 2

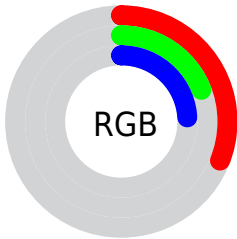
Format	Color
R_{YB}	79, 49, 62
Decimal	5189950
CIE Lab	24.34, 15.84, -2.52
CIE LCh	24, 16.043, 350.948
Yxy	4.2066, 0.3582, 0.2902
Android (android.graphics.Color)	4283380030 (0xFF4F313E)
YUV	59.4520, 1.2562, 17.1436
Hunter-Lab	20.5101, 9.3086, -0.3780

Details

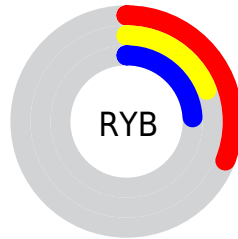
The YIQ color **59.4520, 13.7070, 10.4030** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.5480, -13.7070, -10.4030**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.3490, 15.4950, 11.0390**, and **15.0930, 13.3400, 11.5480** is the 20% darker color. If you saturate the color by 10%, you get **54.3000, 17.1910, 13.3430**, and if you desaturate by 10%, it is **64.6040, 10.2230, 7.4630**.

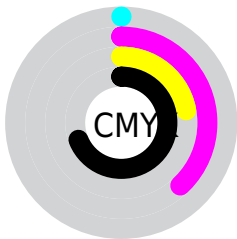
Distribution



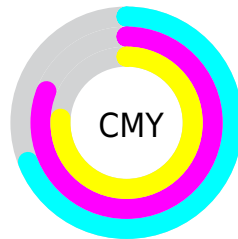
- Red (31%)
- Green (19%)
- Blue (24%)



- Red (31%)
- Yellow (19%)
- Blue (24%)



- Cyan (0%)
- Magenta (38%)
- Yellow (22%)
- Black (69%)



- Cyan (69%)
- Magenta (81%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.4520, 13.7070, 10.4030 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 59.4520, 13.7070, 10.4030 by changing the saturation by 10% instead.

■ 59.4520, 13.7070,
10.4030

■ 59.4520, 13.7070,
10.4030

■ 255.0000, -0.0000,
-0.0000

■ 37.1530, 13.1110,
10.1910

■ 107.3490, 15.4950,
11.0390

■ 15.0930, 13.3400,
11.5480

■ 132.7620, 15.7700,
11.5620

■ 0.0000, 0.0000,
0.0000

■ 158.4740, 16.6410,
12.2970

■ 185.7730, 17.2370,
12.5090

■ 213.1860, 17.5120,
13.0320

■ 238.4840, 10.6810,

10.1770

■ 59.4520, 13.7070,
10.4030

■ 59.4520, 13.7070,
10.4030

■ 54.3000, 17.1910,
13.3430

■ 64.6040, 10.2230,
7.4630

■ 49.0340, 20.9960,
15.9720

■ 69.8700, 6.4180,
4.8340

■ 43.8820, 24.4800,
18.9120

■ 75.0220, 2.9340,
1.8940

■ 38.6160, 28.2850,
21.5410

■ 80.2880, -0.8710,
-0.7350

■ 33.4640, 31.7690,
24.4810

■ 84.8530, -4.0800,
-3.1520

■ 28.7850, 35.2990,
26.5870

■ 90.1190, -7.8850,
-5.7810

■ 27.4970, 36.1700,
27.3220

■ 95.2710, -11.3690,
-8.7210

■ 100.5370,
-15.1740, -11.3500

■ 105.6890,
-18.6580, -14.2900

Harmonies

Analogous

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



59.7760, 3.9870, 10.3470



59.4520, 13.7070, 10.4030



58.9810, 19.3470, 7.3070

Triad

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



59.4520, 13.7070, 10.4030



56.2530, 6.2370, -8.4110



51.0270, -30.9930, -5.4970

Complementary

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



59.4520, 13.7070, 10.4030



68.5480, -13.7070, -10.4030

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.



49.8760, -29.2500, -9.5540



59.4520, 13.7070, 10.4030



54.9250, -4.5830, -10.5590

Square

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



59.4520, 13.7070, 10.4030



57.3790, 14.8100, -4.0860



52.3950, -17.6500, -10.5300



54.9190, -21.6410, 1.2310

Rectangle

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



59.4520, 13.7070, 10.4030



58.7590, 19.8520, 3.6600



52.3950, -17.6500, -10.5300



50.3750, -32.0930, -7.5890

Sweetspot

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



59.4520, 13.7070, 10.4030



94.8590, 4.9510, 3.8870



57.5030, 0.5020, 12.9340



46.4350, 3.2090, 2.4170



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



59.4520, 13.7070, 10.4030



71.3330, 21.5920, 16.1840



58.5570, 17.6050, 5.8370



35.4240, 1.7420, 1.4700



35.5140, 46.6680, 35.3080



80.1700, 104.9800, 79.8600

Inverse Universe

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



59.4520, 13.7070, 10.4030



71.3330, 21.5920, 16.1840



69.4430, -17.6050, -5.8370



35.4240, 1.7420, 1.4700



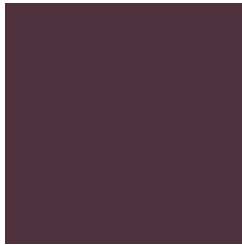
35.5140, 46.6680, 35.3080



80.1700, 104.9800, 79.8600

Previews

White Background



This preview shows how the YIQ color 59.4520, 13.7070, 10.4030 looks on a white background.

Color Contrast Check

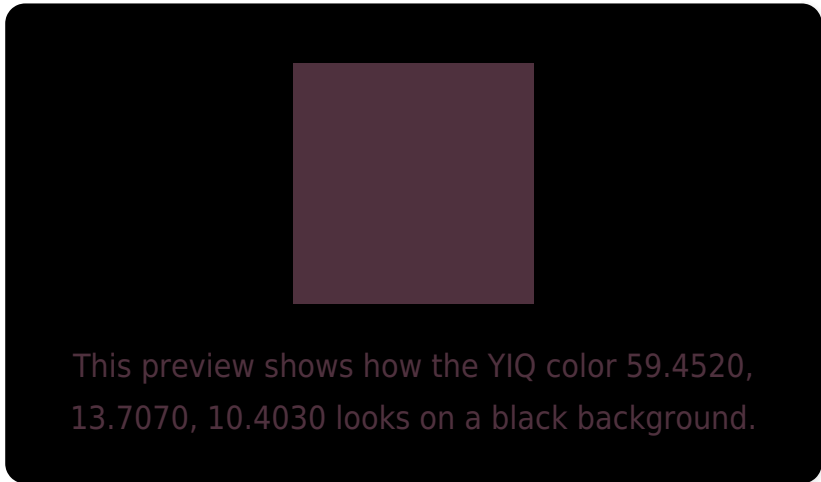
Large Text (above 18pt) WCAG AA ✓ Pass

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

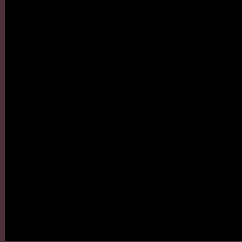
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.4520, 13.7070, 10.4030

Background



This preview shows how black text looks on a background with the YIQ color 59.4520, 13.7070, 10.4030.



This preview shows how white text looks on a background with the YIQ color 59.4520, 13.7070,

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

59.4520, 13.7070, 10.4030

Protanopia

58.5420, -4.4020, 2.6860

Deuteranopia

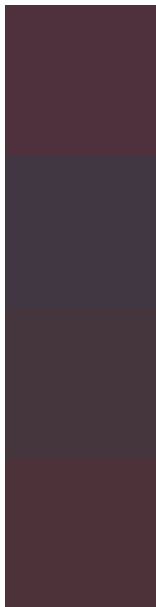
58.6630, 2.5670, 3.0390



Tritanopia

58.8280, 15.4040, 7.1800

Trichromacy



Original Color

59.4520, 13.7070, 10.4030

Protanomaly

58.9450, 1.8330, 5.3290

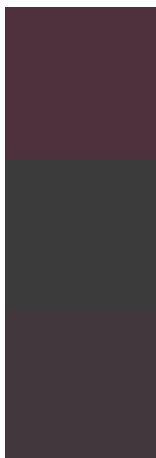
Deuteranomaly

58.6960, 6.9680, 5.8800

Tritanomaly

59.1700, 14.4410, 8.1130

Monochromacy



Original Color

59.4520, 13.7070, 10.4030

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.8590, 4.9510, 3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.4520, 13.7070, 10.4030 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(79, 49, 62)` looks like.

```
.text, #text, p{  
    color:rgb(79, 49, 62)  
}
```

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(79, 49, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 49, 62) }
```

Border

The CSS property to change the border of an element to YIQ 59.4520, 13.7070, 10.4030 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(79, 49, 62) }
```


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

```
.border{ border-color:rgb(79, 49, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 49, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 49, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 49, 62);  
box-shadow:4px 4px 4px 4px rgb(79, 49, 62)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.4520, 13.7070, 10.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 49, 62) }
```

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

```
.background{ background-color: rgb(79, 49,  
62) }
```

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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