

Converting Colors

YIQ(59.5110, 15.2190, 16.0430)

Have a look what the booklet for
YIQ(59.5110, 15.2190, 16.0430)
contains.

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Color

**YIQ(59.5110, 15.2190,
16.0430)**

Conversions

Conversions Part 1

Format	Color
Hex	542D46
RGB	84, 45, 70
RGB Percent	33%, 18%, 27%
CMY	0.6705, 0.8236, 0.7254
CMYK	0.00, 0.46, 0.17, 0.67
HSL	322°, 30%, 25%
HSV	322°, 46%, 33%
XYZ	5.7022, 4.2039, 6.3070
YIQ	59.5110, 15.2190, 16.0430

Conversions

Conversions Part 2

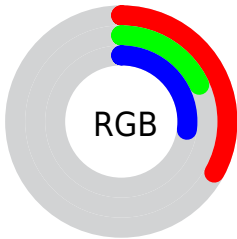
Format	Color
R_{YB}	84, 45, 70
Decimal	5516614
CIE _{Lab}	24.33, 21.88, -7.84
CIE _{LCh}	24, 23.243, 340.283
Yxy	4.2039, 0.3517, 0.2593
Android (android.graphics.Color)	4283706694 (0xFF542D46)
YUV	59.5110, 5.1711, 21.4769
Hunter-Lab	20.5035, 13.7613, -3.8854

Details

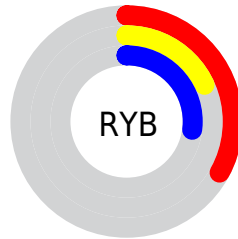
The YIQ color **59.5110, 15.2190, 16.0430** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **69.4890, -15.2190, -16.0430**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.8210, 17.2820, 17.2020**, and **14.4400, 13.9810, 16.4530** is the 20% darker color. If you saturate the color by 10%, you get **54.4730, 18.3820, 19.2940**, and if you desaturate by 10%, it is **64.5490, 12.0560, 12.7920**.

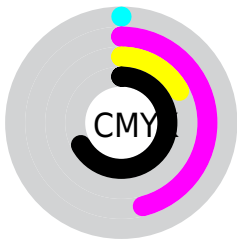
Distribution



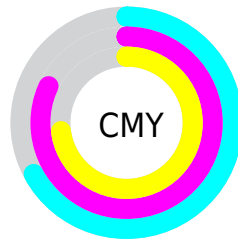
- Red (33%)
- Green (18%)
- Blue (27%)



- Red (33%)
- Yellow (18%)
- Blue (27%)



- Cyan (0%)
- Magenta (46%)
- Yellow (17%)
- Black (67%)



- Cyan (67%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 59.5110, 15.2190, 16.0430 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 59.5110, 15.2190, 16.0430 by changing the saturation by 10% instead.

■ 59.5110, 15.2190,
16.0430

■ 59.5110, 15.2190,
16.0430

■ 255.0000, -0.0000,
-0.0000

■ 36.9130, 14.0270,
15.6190

■ 107.8210, 17.2820,
17.2020

■ 14.4400, 13.9810,
16.4530

■ 133.2340, 17.5570,
17.7250

■ 0.0000, 0.0000,
0.0000

■ 159.8320, 18.7490,
18.1490

■ 186.6580, 19.2990,
19.1950

■ 214.6580, 19.2990,
19.1950

■ 237.2760, 8.5710,

15.3790

254.4130, 0.2750,
0.5230

■ 59.5110, 15.2190,
16.0430

■ 59.5110, 15.2190,
16.0430

■ 54.4730, 18.3820,
19.2940

■ 64.5490, 12.0560,
12.7920

■ 48.8480, 21.8200,
23.0680

■ 70.1740, 8.6180,
9.0180

■ 43.8100, 24.9830,
26.3190

■ 75.2120, 5.4550,
5.7670

■ 38.1850, 28.4210,
30.0930

■ 80.8370, 2.0170,
1.9930

■ 33.1470, 31.5840,
33.3440

■ 85.8750, -1.1460,
-1.2580

■ 31.2720, 32.7300,
34.6020

■ 90.9130, -4.3090,
-4.5090

■ 96.5380, -7.7470,
-8.2830

■ 101.5760,
-10.9100, -11.5340

■ 107.2010,
-14.3480, -15.3080

Harmonies

Analogous

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



59.6600, -1.3780, 13.9660



59.5110, 15.2190, 16.0430



58.3780, 25.7190, 12.9750

Triad

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



59.5110, 15.2190, 16.0430



55.6790, 13.6650, -10.8710



47.8620, -43.8300, -9.6380

Complementary

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



59.5110, 15.2190, 16.0430



69.4890, -15.2190, -16.0430

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.



46.5110, -38.6480, -15.4480



59.5110, 15.2190, 16.0430



53.2580, -1.3270, -14.5030

Square

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



59.5110, 15.2190, 16.0430



57.2830, 23.8880, -3.4080



49.2540, -21.8670, -16.7070



47.2410, -46.2150, -4.9590

Rectangle

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



59.5110, 15.2190, 16.0430



57.9990, 28.1040, 8.2960



49.2540, -21.8670, -16.7070



47.2920, -42.2250, -11.1930

Sweetspot

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



59.5110, 15.2190, 16.0430



99.9240, 6.3260, 6.5020



53.6320, -4.1750, 15.0970



50.3750, 3.4380, 3.7740



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.



59.5110, 15.2190, 16.0430



71.0980, 24.1120, 25.5840



57.3450, 21.3180, 10.1340



38.4240, 1.7420, 1.4700



39.0330, 41.0730, 43.0970



86.3540, 90.4430, 95.5230

Inverse Universe

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



59.5110, 15.2190, 16.0430



71.0980, 24.1120, 25.5840



71.6550, -21.3180, -10.1340



38.4240, 1.7420, 1.4700



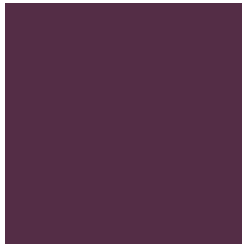
39.0330, 41.0730, 43.0970



86.3540, 90.4430, 95.5230

Previews

White Background



This preview shows how the YIQ color 59.5110, 15.2190, 16.0430 looks on a white background.

Color Contrast Check

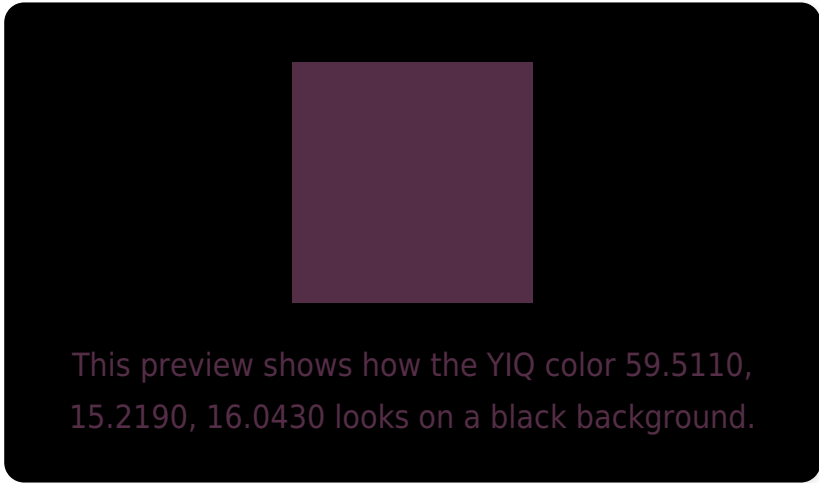
Large Text (above 18pt) WCAG AA ✓ Pass

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

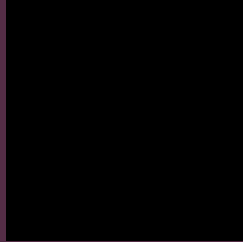
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 59.5110, 15.2190, 16.0430

Background



This preview shows how black text looks on a background with the YIQ color 59.5110, 15.2190, 16.0430.



This preview shows how white text looks on a background with the YIQ color 59.5110, 15.2190,

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

59.5110, 15.2190, 16.0430

Protanopia

58.6000, -10.3170, 5.2590

Deuteranopia

58.8520, -2.3390, 3.8450



Tritanopia

59.2090, 18.7050, 7.9290

Trichromacy



Original Color

59.5110, 15.2190, 16.0430

Protanomaly

58.9110, -0.8270, 9.4850

Deuteranomaly

59.3090, 3.8040, 8.1560

Tritanomaly

59.7190, 17.3290, 10.8410

Monochromacy



Original Color

59.5110, 15.2190, 16.0430

Achromatopsia

60.0000, -0.0000, -0.0000

Achromatomaly

60.2120, 5.4550, 5.7670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 59.5110, 15.2190, 16.0430 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, 45, 70)` looks like.

```
.text, #text, p{  
    color:rgb(84, 45, 70)  
}
```

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, 45, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 45, 70) }
```

Border

The CSS property to change the border of an element to YIQ 59.5110, 15.2190, 16.0430 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, 45, 70) }
```


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

```
.border{ border-color:rgb(84, 45, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 45, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 45, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 45, 70);  
box-shadow:4px 4px 4px 4px rgb(84, 45, 70)  
}
```

Background

The CSS property to change the background color of an element to YIQ 59.5110, 15.2190, 16.0430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 45, 70) }
```

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

```
.background{ background-color: rgb(84, 45,  
70) }
```

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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