

Converting Colors

YIQ(58.4890, 29.4800, 5.3840)

Have a look what the booklet for
YIQ(58.4890, 29.4800, 5.3840)
contains.

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Color

**YIQ(58.4890, 29.4800,
5.3840)**

Conversions

Conversions Part 1

Format	Color
Hex	5A2F23
RGB	90, 47, 35
RGB Percent	35%, 18%, 14%
CMY	0.6470, 0.8157, 0.8626
CMYK	0.00, 0.48, 0.61, 0.65
HSL	13°, 44%, 25%
HSV	13°, 61%, 35%
XYZ	5.5384, 4.3280, 2.1361
YIQ	58.4890, 29.4800, 5.3840

Conversions

Conversions Part 2

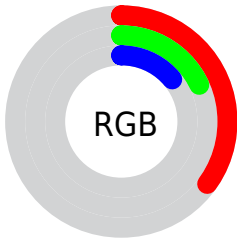
Format	Color
RYB	90, 50, 35
Decimal	5910307
CIELab	24.73, 18.30, 16.28
CIELCh	25, 24.489, 41.663
Yxy	4.3280, 0.4614, 0.3606
Android (android.graphics.Color)	4284100387 (0xFF5A2F23)
YUV	58.4890, -11.5801, 27.6351
Hunter-Lab	20.8038, 11.1140, 8.4749

Details

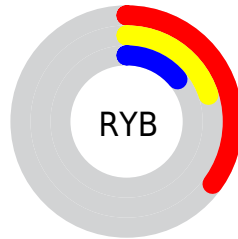
The YIQ color **58.4890, 29.4800, 5.3840** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **66.5110, -29.4800, -5.3840**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **107.0550, 33.6980, 6.0340**, and **13.7320, 24.4820, 7.8580** is the 20% darker color. If you saturate the color by 10%, you get **53.3540, 34.2940, 6.2460**, and if you desaturate by 10%, it is **63.6240, 24.6660, 4.5220**.

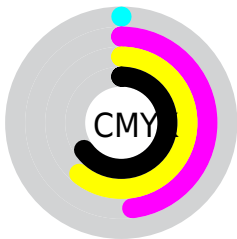
Distribution



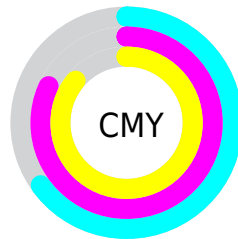
- Red (35%)
- Green (18%)
- Blue (14%)



- Red (35%)
- Yellow (20%)
- Blue (14%)



- Cyan (0%)
- Magenta (48%)
- Yellow (61%)
- Black (65%)



- Cyan (65%)
- Magenta (82%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.4890, 29.4800, 5.3840 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 58.4890, 29.4800, 5.3840 by changing the saturation by 10% instead.

■ 58.4890, 29.4800,
5.3840

■ 58.4890, 29.4800,
5.3840

■ 255.0000, -0.0000,
-0.0000

■ 35.7060, 27.3710,
5.0590

■ 107.0550, 33.6980,
6.0340

■ 13.7320, 24.4820,
7.8580

■ 132.5390, 35.2110,
6.1470

■ 0.0000, 0.0000,
0.0000

■ 158.4360, 36.9990,
6.7830

■ 185.9200, 38.5120,
6.8960

■ 213.2190, 39.1080,
7.1080

■ 233.3200, 22.4660,

0.3380

253.0620, 5.4570,
-5.2870

58.4890, 29.4800,
5.3840

58.4890, 29.4800,
5.3840

53.3540, 34.2940,
6.2460

63.6240, 24.6660,
4.5220

48.2190, 39.1080,
7.1080

68.7590, 19.8520,
3.6600

43.0840, 43.9220,
7.9700

73.8940, 15.0380,
2.7980

38.6500, 48.1400,
8.6200

79.0290, 10.2240,
1.9360

84.1640, 5.4100,
1.0740

■ 89.2990, 0.5960,
0.2120

■ 94.4340, -4.2180,
-0.6500

■ 99.5690, -9.0320,
-1.5120

■ 104.7040,
-13.8460, -2.3740

Harmonies

Analogous

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



58.9760, 26.9110, 13.3990



58.4890, 29.4800, 5.3840



57.9410, 24.8510, -4.3410

Triad

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



58.4890, 29.4800, 5.3840



48.4600, -25.4430, -17.9790



56.8360, -22.6050, 7.6910

Complementary

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



58.4890, 29.4800, 5.3840



66.5110, -29.4800, -5.3840

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.



48.1700, -47.4530, -4.5490



58.4890, 29.4800, 5.3840



47.4400, -39.8860, -15.0380

Square

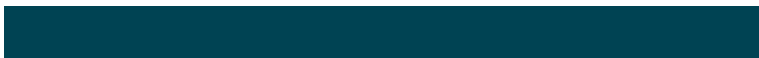
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.4890, 29.4800, 5.3840



54.1330, -2.4730, -15.7610



48.7910, -45.0680, -9.2280



60.3720, -0.5070, 14.7010

Rectangle

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



58.4890, 29.4800, 5.3840



56.9570, 18.7540, -9.4860



48.7910, -45.0680, -9.2280



54.1230, -30.9030, 3.8890

Sweetspot

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



58.4890, 29.4800, 5.3840



105.2140, 11.1410, 1.8370



56.3470, 18.9770, 25.0330



51.6480, 6.9230, 1.1870



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



58.4890, 29.4800, 5.3840



67.9810, 45.7100, 8.6060



74.3380, 22.0550, -8.7370



43.0820, 2.7050, 0.5370



46.9780, 58.9600, 10.7680



101.3870, 126.9520, 23.0480

Inverse Universe

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



66.5110, -29.4800, -5.3840



81.0190, -45.7100, -8.6060



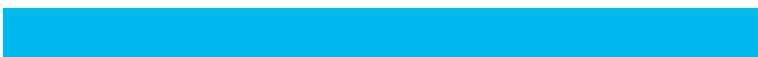
50.6620, -22.0550, 8.7370



43.9180, -2.7050, -0.5370



63.0220, -58.9600, -10.7680



136.2000, -127.2270, -23.5710

Previews

White Background



This preview shows how the YIQ color 58.4890, 29.4800, 5.3840 looks on a white background.

Color Contrast Check

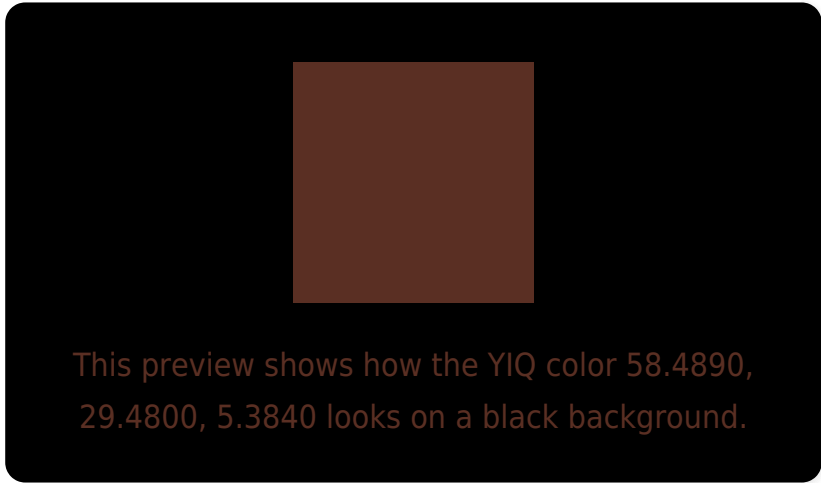
Large Text (above 18pt) WCAG AA ✓ Pass

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

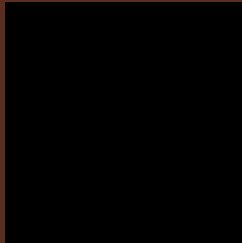
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.4890, 29.4800, 5.3840

Background



This preview shows how black text looks on a background with the YIQ color 58.4890, 29.4800, 5.3840.

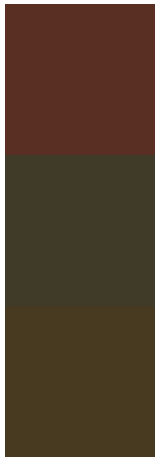


This preview shows how white text looks on a background with the YIQ color 58.4890, 29.4800,

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

58.4890, 29.4800, 5.3840

Protanopia

58.3290, 9.0790, -4.8490

Deuteranopia

58.7490, 16.6440, -4.2840



Tritanopia

59.0960, 26.4530, 10.6850

Trichromacy



Original Color

58.4890, 29.4800, 5.3840

Protanomaly

58.4440, 16.1850, -1.4710

Deuteranomaly

58.6080, 21.5950, -0.3970

Tritanomaly

59.1130, 27.7830, 8.6070

Monochromacy



Original Color

58.4890, 29.4800, 5.3840

Achromatopsia

58.0000, -0.0000, 0.0000

Achromatomaly

58.3280, 10.8200, 2.1480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.4890, 29.4800, 5.3840 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(90, 47, 35)` looks like.

```
.text, #text, p{  
    color:rgb(90, 47, 35)  
}
```

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(90, 47, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 47, 35) }
```

Border

The CSS property to change the border of an element to YIQ 58.4890, 29.4800, 5.3840 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(90, 47, 35) }
```


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

```
.border{ border-color:rgb(90, 47, 35) }
```

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

Here you see how a box with a 4 pixel rgb(90, 47, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 47, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 47, 35);  
box-shadow:4px 4px 4px 4px rgb(90, 47, 35)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.4890, 29.4800, 5.3840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 47, 35) }
```

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

```
.background{ background-color: rgb(90, 47,  
35) }
```

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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