

Converting Colors

YIQ(43.7010, 34.9350, 11.1510)

Have a look what the booklet for
YIQ(43.7010, 34.9350, 11.1510)
contains.

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Color

**YIQ(43.7010, 34.9350,
11.1510)**

Conversions

Conversions Part 1

Format	Color
Hex	541B18
RGB	84, 27, 24
RGB Percent	33%, 11%, 9%
CMY	0.6705, 0.8942, 0.9057
CMYK	0.00, 0.68, 0.71, 0.67
HSL	3°, 56%, 21%
HSV	3°, 71%, 33%
XYZ	4.2158, 2.7353, 1.1719
YIQ	43.7010, 34.9350, 11.1510

Conversions

Conversions Part 2

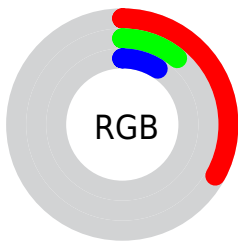
Format	Color
RYB	84, 27, 24
Decimal	5511960
CIELab	18.95, 26.34, 16.10
CIELCh	19, 30.873, 31.438
Yxy	2.7353, 0.5190, 0.3367
Android (android.graphics.Color)	4283702040 (0xFF541B18)
YUV	43.7010, -9.7126, 35.3422
Hunter-Lab	16.5386, 16.5587, 7.3759

Details


The YIQ color **43.7010, 34.9350, 11.1510** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **64.2990, -34.9350, -11.1510**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.3380, 40.3910, 11.3910**, and **10.8780, 21.1350, 7.9430** is the 20% darker color. If you saturate the color by 10%, you get **38.0930, 39.7030, 12.8470**, and if you desaturate by 10%, it is **49.3090, 30.1670, 9.4550**.

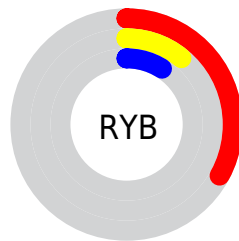
Distribution



 Red (33%)

 Green (11%)

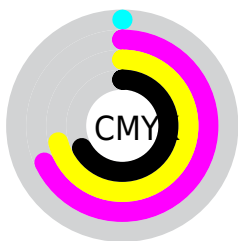
 Blue (9%)




 Red (33%)

 Yellow (11%)

 Blue (9%)

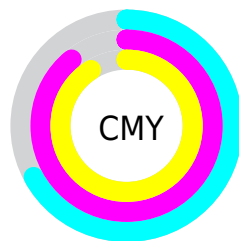



 Cyan (0%)


 Magenta (68%)

 Yellow (71%)

 Black (67%)



 Cyan (67%)

 Magenta (89%)

 Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.7010, 34.9350, 11.1510 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 43.7010, 34.9350, 11.1510 by changing the saturation by 10% instead.

43.7010, 34.9350,
11.1510

43.7010, 34.9350,
11.1510

254.5440, 1.2840,
-1.2440

19.4020, 34.3390,
10.9390

92.3380, 40.3910,
11.3910

10.8780, 21.1350,
7.9430

117.1210, 42.5000,
11.7160

0.0000, 0.0000,
0.0000

143.9040, 44.6090,
12.0410

170.6870, 46.7180,
12.3660

198.2850, 47.9100,
12.7900

218.1090, 33.6060,

7.7020

238.3240, 16.6430,
1.2430

43.7010, 34.9350,
11.1510

43.7010, 34.9350,
11.1510

38.0930, 39.7030,
12.8470

49.3090, 30.1670,
9.4550

32.3710, 44.7920,
14.2320

55.0310, 25.0780,
8.0700

27.4640, 48.9640,
15.7160

60.6390, 20.3100,
6.3740

66.3610, 15.2210,
4.9890

71.9690, 10.4530,
3.2930

■ 77.5770, 5.6850,
1.5970

■ 83.2990, 0.5960,
0.2120

■ 88.9070, -4.1720,
-1.4840

■ 94.6290, -9.2610,
-2.8690

Harmonies

Analogous

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



44.1600, 29.5690, 20.2970



43.7010, 34.9350, 11.1510



43.6600, 33.0120, -3.5640

Triad

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



43.7010, 34.9350, 11.1510



34.9070, -22.5080, -21.6120



38.5500, -42.4110, 3.1970

Complementary

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



43.7010, 34.9350, 11.1510



64.2990, -34.9350, -11.1510

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.



41.3880, -42.1350, -1.8070



43.7010, 34.9350, 11.1510



38.1160, -30.1660, -14.9820

Square

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



43.7010, 34.9350, 11.1510



40.1030, 6.2390, -19.4650



40.7380, -37.5490, -7.8290



47.2230, -10.2730, 15.4790

Rectangle

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



43.7010, 34.9350, 11.1510



44.0780, 25.7230, -9.1330



40.7380, -37.5490, -7.8290



40.1970, -42.9150, 1.3170

Sweetspot

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



43.7010, 34.9350, 11.1510



94.4640, 13.4330, 4.3530



48.5520, 17.1420, 30.7580



46.7730, 8.0690, 2.4450



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.



43.7010, 34.9350, 11.1510



46.3400, 55.2450, 17.5250



60.7240, 26.9600, -4.0160



38.1960, 2.3840, 0.8480



34.3300, 61.2050, 19.6450



75.8250, 135.2470, 43.4310

Inverse Universe

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



64.2990, -34.9350, -11.1510



78.6600, -55.2450, -17.5250



47.2760, -26.9600, 4.0160



39.8040, -2.3840, -0.8480



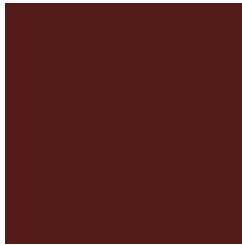
70.0830, -60.9300, -19.1220



156.1750, -135.2470, -43.4310

Previews

White Background



This preview shows how the YIQ color 43.7010, 34.9350, 11.1510 looks on a white background.

Color Contrast Check

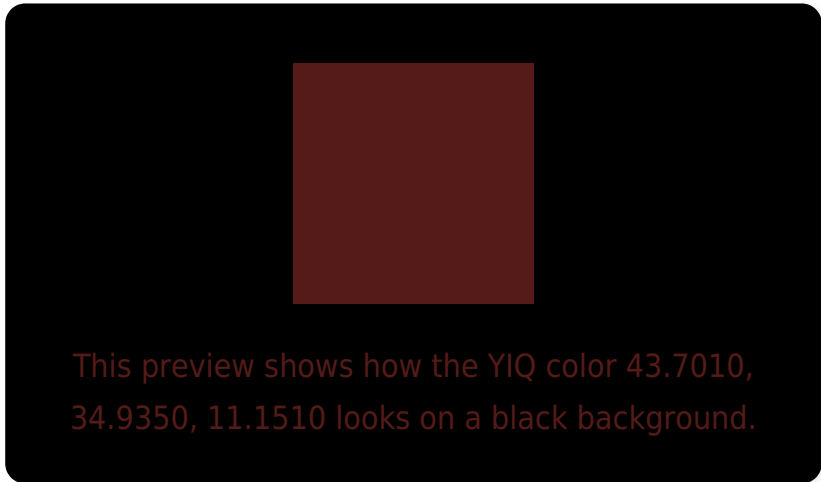
Large Text (above 18pt) WCAG AA ✓ Pass

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

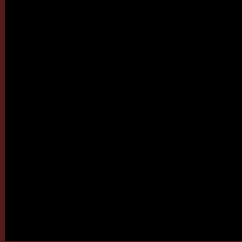
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.7010, 34.9350, 11.1510

Background



This preview shows how black text looks on a background with the YIQ color 43.7010, 34.9350, 11.1510.

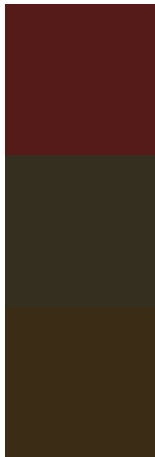


This preview shows how white text looks on a background with the YIQ color 43.7010, 34.9350,

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

43.7010, 34.9350, 11.1510

Protanopia

46.6710, 8.1160, -3.9160

Deuteranopia

46.4500, 16.0480, -4.4960



Tritanopia

43.5700, 33.9260, 12.9180

Trichromacy



Original Color

43.7010, 34.9350, 11.1510

Protanomaly

45.8080, 18.1560, 1.3560

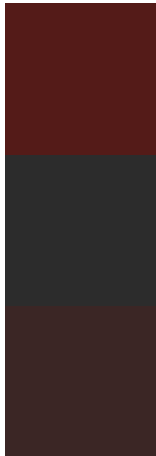
Deuteranomaly

45.1460, 23.0160, 1.3840

Tritanomaly

43.4560, 34.2470, 12.6070

Monochromacy



Original Color

43.7010, 34.9350, 11.1510

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.1650, 12.8370, 4.1410

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.7010, 34.9350, 11.1510 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, 27, 24)` looks like.

```
.text, #text, p{  
    color:rgb(84, 27, 24)  
}
```

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, 27, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 27, 24) }
```

Border

The CSS property to change the border of an element to YIQ 43.7010, 34.9350, 11.1510 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, 27, 24) }
```


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

```
.border{ border-color:rgb(84, 27, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 27, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 27, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 27, 24);  
box-shadow:4px 4px 4px 4px rgb(84, 27, 24)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.7010, 34.9350, 11.1510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 27, 24) }
```

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

```
.background{ background-color: rgb(84, 27,  
24) }
```

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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