

Converting Colors

YIQ(43.6890, 35.2090, 17.2010)

Have a look what the booklet for
YIQ(43.6890, 35.2090, 17.2010)
contains.

YIQ(43.6890, 35.2090, 17.2010)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(43.6890, 35.2090,
17.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	581722
RGB	88, 23, 34
RGB Percent	35%, 9%, 13%
CMY	0.6547, 0.9099, 0.8665
CMYK	0.00, 0.74, 0.61, 0.65
HSL	350°, 59%, 22%
HSV	350°, 74%, 35%
XYZ	4.6235, 2.8041, 1.8135
YIQ	43.6890, 35.2090, 17.2010

Conversions

Conversions Part 2

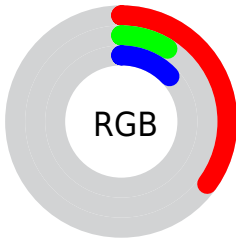
Format	Color
R_YB	88, 23, 34
Decimal	5773090
CIE Lab	19.24, 30.62, 9.69
CIE LCh	19, 32.113, 17.555
Yxy	2.8041, 0.5003, 0.3034
Android (android.graphics.Color)	4283963170 (0xFF581722)
YUV	43.6890, -4.7767, 38.8607
Hunter-Lab	16.7455, 19.9797, 5.3010

Details

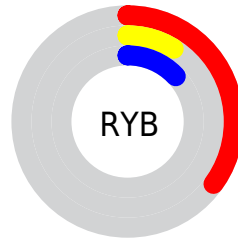
The YIQ color **43.6890, 35.2090, 17.2010** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **67.3110, -35.2090, -17.2010**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.0270, 40.0690, 17.2290**, and **12.0740, 23.5190, 8.7910** is the 20% darker color. If you saturate the color by 10%, you get **37.6080, 39.9310, 19.7310**, and if you desaturate by 10%, it is **49.7700, 30.4870, 14.6710**.

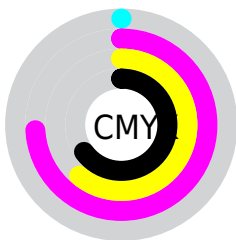
Distribution



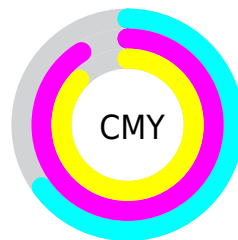
- Red (35%)
- Green (9%)
- Blue (13%)



- Red (35%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (74%)
- Yellow (61%)
- Black (65%)



- Cyan (65%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.6890, 35.2090, 17.2010 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 43.6890, 35.2090, 17.2010 by changing the saturation by 10% instead.

■ 43.6890, 35.2090,
17.2010

■ 43.6890, 35.2090,
17.2010

255.0000, -0.0000,
-0.0000

■ 19.9060, 33.1000,
16.8760

■ 93.0270, 40.0690,
17.2290

■ 12.0740, 23.5190,
8.7910

■ 118.8100, 42.1780,
17.5540

■ 0.0000, 0.0000,
0.0000

■ 144.7070, 43.9660,
18.1900


■ 172.1910, 45.4790,
18.3030


■ 199.4900, 46.0750,
18.5150


■ 218.4170, 29.9830,


12.7910


 238.6320, 13.0200,
6.3320


 43.6890, 35.2090,
17.2010


 43.6890, 35.2090,
17.2010


 37.6080, 39.9310,
19.7310


 49.7700, 30.4870,
14.6710


 31.4130, 44.9740,
21.9500

 55.9650, 25.4440,
12.4520

 28.0220, 47.6330,
23.3210

 61.4590, 20.9970,
10.4450

 67.5400, 16.2750,
7.9150

 73.7350, 11.2320,
5.6960

■ 79.8160, 6.5100,
3.1660

■ 85.8970, 1.7880,
0.6360

■ 91.3910, -2.6590,
-1.3710

■ 97.5860, -7.7020,
-3.5900

Harmonies

Analogous

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



45.4030, 24.5710, 22.7710



43.6890, 35.2090, 17.2010



44.2570, 35.9450, 3.8570

Triad

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



43.6890, 35.2090, 17.2010



37.5510, -9.7620, -21.3300



41.0120, -43.8320, 1.4160

Complementary

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



43.6890, 35.2090, 17.2010



67.3110, -35.2090, -17.2010

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.



42.1060, -41.4010, -4.0970



43.6890, 35.2090, 17.2010



37.5630, -27.2310, -18.6150

Square

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



43.6890, 35.2090, 17.2010



43.1040, 13.6660, -16.3980



40.2990, -34.9350, -11.1510



44.0790, -27.6030, 10.1650

Rectangle

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



43.6890, 35.2090, 17.2010



44.4210, 32.1870, -5.1330



40.2990, -34.9350, -11.1510



41.9580, -43.7400, -0.2520

Sweetspot

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



43.6890, 35.2090, 17.2010



97.9310, 13.6160, 6.5440



46.2570, 10.7230, 31.4510



48.1260, 8.5730, 4.3250



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.



43.6890, 35.2090, 17.2010



45.4360, 55.3350, 26.9110



54.7620, 32.9650, 2.7970



40.3100, 2.0630, 1.1590



34.0450, 57.9940, 28.2820



74.8250, 127.2200, 62.2600

Inverse Universe

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



43.6890, 35.2090, 17.2010



45.4360, 55.3350, 26.9110



56.2380, -32.9650, -2.7970



40.3100, 2.0630, 1.1590



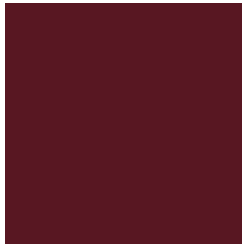
34.0450, 57.9940, 28.2820



74.8250, 127.2200, 62.2600

Previews

White Background



This preview shows how the YIQ color 43.6890, 35.2090, 17.2010 looks on a white background.

Color Contrast Check

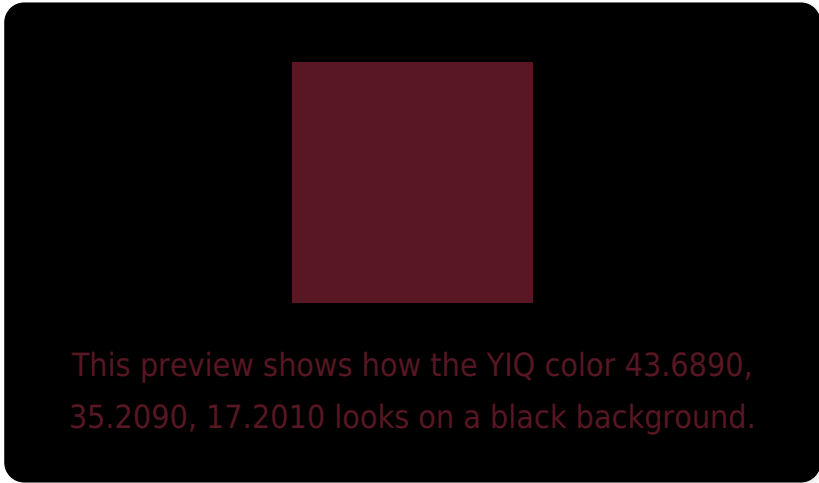
Large Text (above 18pt) WCAG AA ✓ Pass

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

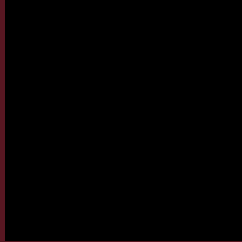
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.6890, 35.2090, 17.2010

Background



This preview shows how black text looks on a background with the YIQ color 43.6890, 35.2090, 17.2010.



This preview shows how white text looks on a background with the YIQ color 43.6890, 35.2090,

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

43.6890, 35.2090, 17.2010

Protanopia

48.2560, 2.1550, -0.5090

Deuteranopia

47.8780, 11.9670, -2.1210



Tritanopia

43.9510, 37.2270, 13.6670

Trichromacy



Original Color

43.6890, 35.2090, 17.2010

Protanomaly

46.7030, 14.2580, 5.9220

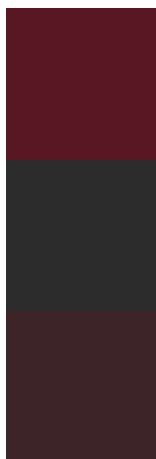
Deuteranomaly

46.5850, 20.4020, 4.7060

Tritanomaly

43.7060, 36.5390, 15.1230

Monochromacy



Original Color

43.6890, 35.2090, 17.2010

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.6320, 13.0200, 6.3320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.6890, 35.2090, 17.2010 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(88, 23, 34)` looks like.

```
.text, #text, p{  
    color:rgb(88, 23, 34)  
}
```

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(88, 23, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 23, 34) }
```

Border

The CSS property to change the border of an element to YIQ 43.6890, 35.2090, 17.2010 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(88, 23, 34) }
```


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

```
.border{ border-color:rgb(88, 23, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 23, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 23, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 23, 34);  
box-shadow:4px 4px 4px 4px rgb(88, 23, 34)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.6890, 35.2090, 17.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 23, 34) }
```

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

```
.background{ background-color: rgb(88, 23,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor