

Converting Colors

YIQ(34.5080, 54.8320, 19.5040)

Have a look what the booklet for
YIQ(34.5080, 54.8320, 19.5040)
contains.

YIQ(34.5080, 54.8320, 19.5040)	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(34.5080, 54.8320,
19.5040)**

Conversions

Conversions Part 1

Format	Color
Hex	630707
RGB	99, 7, 7
RGB Percent	39%, 3%, 3%
CMY	0.6115, 0.9727, 0.9723
CMYK	0.00, 0.93, 0.93, 0.61
HSL	360°, 87%, 21%
HSV	360°, 93%, 39%
XYZ	5.2659, 2.8224, 0.4698
YIQ	34.5080, 54.8320, 19.5040

Conversions

Conversions Part 2

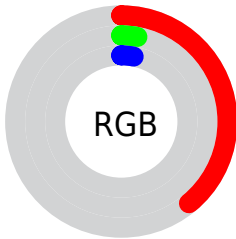
Format	Color
R_{YB}	99, 7, 7
Decimal	6489863
CIE Lab	19.32, 38.38, 26.59
CIE LCh	19, 46.688, 34.712
Yxy	2.8224, 0.6153, 0.3298
Android (android.graphics.Color)	4284679943 (0xFF630707)
YUV	34.5080, -13.5614, 56.5595
Hunter-Lab	16.7999, 26.5506, 10.1018

Details

The YIQ color **34.5080, 54.8320, 19.5040** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **71.4920, -54.8320, -19.5040**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **89.4390, 59.2800, 15.9840**, and **14.2810, 27.3700, 10.5860** is the 20% darker color. If you saturate the color by 10%, you get **29.6010, 59.0040, 20.9880**, and if you desaturate by 10%, it is **41.5180, 48.8720, 17.3840**.

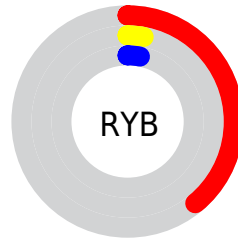
Distribution



Red (39%)

Green (3%)

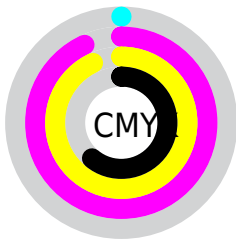
Blue (3%)



Red (39%)

Yellow (3%)

Blue (3%)

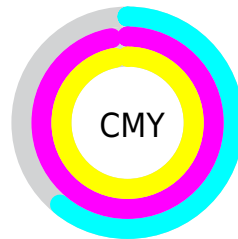


Cyan (0%)

Magenta (93%)

Yellow (93%)

Black (61%)



Cyan (61%)


Magenta (97%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 34.5080, 54.8320, 19.5040 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 34.5080, 54.8320, 19.5040 by changing the saturation by 10% instead.


 34.5080, 54.8320,
19.5040


 34.5080, 54.8320,
19.5040

 250.6170, 8.2080,
-5.5840


 21.2290, 42.3160,
15.0520


 89.4390, 59.2800,
15.9840


 14.2810, 27.3700,
10.5860

 115.7060, 62.9020,
16.4220

 0.0000, 0.0000,
0.0000


 142.6740, 65.9280,
16.6480


 169.7560, 68.6330,
17.1850


 191.2600, 58.2260,
13.0580


 210.7740, 41.8590,


6.8110


 230.2880, 25.4920,
0.5640


 34.5080, 54.8320,
19.5040


 34.5080, 54.8320,
19.5040


 29.6010, 59.0040,
20.9880

 41.5180, 48.8720,
17.3840

 48.5280, 42.9120,
15.2640

 55.5380, 36.9520,
13.1440

 62.5480, 30.9920,
11.0240

 68.9710, 25.3070,
9.4270

■ 75.8670, 19.6680,
6.9960

■ 82.8770, 13.7080,
4.8760

■ 89.8870, 7.7480,
2.7560

■ 96.8970, 1.7880,
0.6360

Harmonies

Analogous

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



35.9980, 48.1810, 35.4210



34.5080, 54.8320, 19.5040



43.5900, 39.2010, -0.0870

Triad

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



34.5080, 54.8320, 19.5040



36.3430, -21.0400, -26.1920



42.5740, -50.9860, 9.9260

Complementary

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



34.5080, 54.8320, 19.5040



71.4920, -54.8320, -19.5040

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.



46.4720, -50.9390, 3.5650



34.5080, 54.8320, 19.5040



41.1480, -33.1920, -15.2080

Square

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



34.5080, 54.8320, 19.5040



37.3680, -4.9930, -25.1610



44.9100, -43.7850, -4.9450



46.4650, -13.5300, 24.9500

Rectangle

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



34.5080, 54.8320, 19.5040



44.9640, 26.0440, -9.4440



44.9100, -43.7850, -4.9450



44.3350, -51.8110, 8.3570

Sweetspot

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



34.5080, 54.8320, 19.5040



102.7640, 21.4560, 7.6320



44.6970, 24.7040, 47.9040



48.5780, 13.1120, 4.6640



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



34.5080, 54.8320, 19.5040



38.2720, 76.2880, 27.1360



60.3360, 42.7320, -3.5080



45.1960, 2.3840, 0.8480



33.4880, 66.7520, 23.7440



71.7600, 143.0400, 50.8800

Inverse Universe

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



34.5080, 54.8320, 19.5040



38.2720, 76.2880, 27.1360



45.6640, -42.7320, 3.5080



45.1960, 2.3840, 0.8480



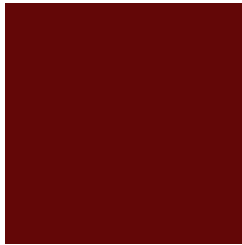
33.4880, 66.7520, 23.7440



71.7600, 143.0400, 50.8800

Previews

White Background



This preview shows how the YIQ color 34.5080, 54.8320, 19.5040 looks on a white background.

Color Contrast Check

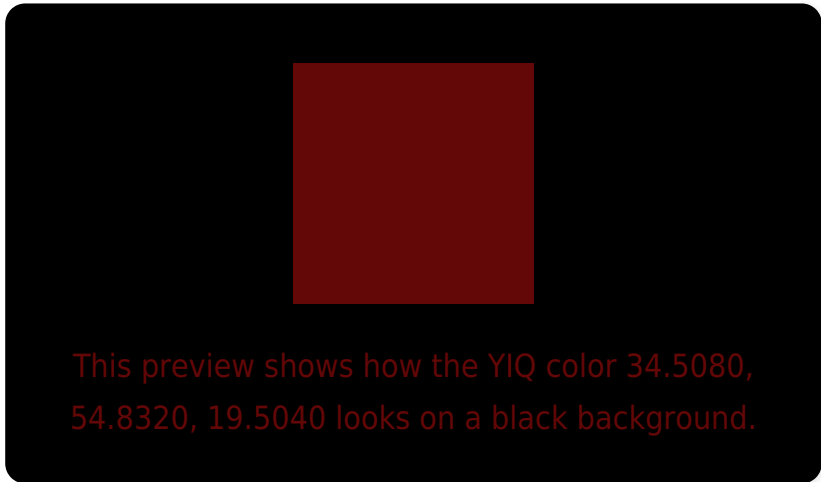
Large Text (above 18pt) WCAG AA ✓ Pass

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

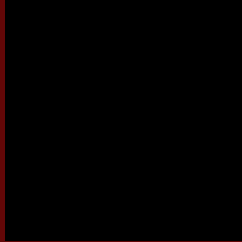
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.5080, 54.8320, 19.5040

Background



This preview shows how black text looks on a background with the YIQ color 34.5080, 54.8320, 19.5040.

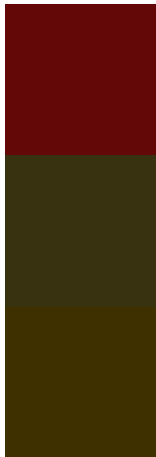


This preview shows how white text looks on a background with the YIQ color 34.5080, 54.8320,

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

34.5080, 54.8320, 19.5040

Protanopia

47.9180, 14.4900, -9.3020

Deuteranopia

47.0130, 24.3480, -11.7480



Tritanopia

34.8840, 56.5290, 16.2810

Trichromacy



Original Color

34.5080, 54.8320, 19.5040

Protanomaly

42.9680, 29.3890, 1.5250

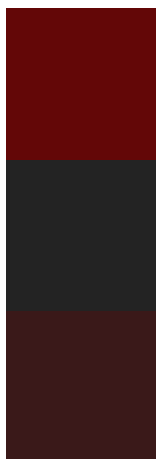
Deuteranomaly

42.4370, 35.2580, -0.2140

Tritanomaly

34.6390, 55.8410, 17.7370

Monochromacy



Original Color

34.5080, 54.8320, 19.5040

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

34.8670, 19.6680, 6.9960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.5080, 54.8320, 19.5040 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(99, 7, 7)` looks like.

```
.text, #text, p{  
    color:rgb(99, 7, 7)  
}
```

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(99, 7, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 7, 7) }
```

Border

The CSS property to change the border of an element to YIQ 34.5080, 54.8320, 19.5040 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(99, 7, 7) }
```


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

```
.border{ border-color:rgb(99, 7, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 7, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 7, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(99, 7, 7); box-shadow:4px  
4px 4px 4px rgb(99, 7, 7) }
```

Background

The CSS property to change the background color of an element to YIQ 34.5080, 54.8320, 19.5040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 7, 7) }
```

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

```
.background{ background-color: rgb(99, 7,  
7) }
```

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