

Converting Colors

YIQ(34.3060, 17.0540, 10.3180)

Have a look what the booklet for
YIQ(34.3060, 17.0540, 10.3180)
contains.

YIQ(34.3060, 17.0540, 10.3180)	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(34.3060, 17.0540,
10.3180)**

Conversions

Conversions Part 1

Format	Color
Hex	391721
RGB	57, 23, 33
RGB Percent	22%, 9%, 13%
CMY	0.7764, 0.9099, 0.8705
CMYK	0.00, 0.60, 0.42, 0.78
HSL	342°, 43%, 16%
HSV	342°, 60%, 22%
XYZ	2.2695, 1.5926, 1.6278
YIQ	34.3060, 17.0540, 10.3180

Conversions

Conversions Part 2

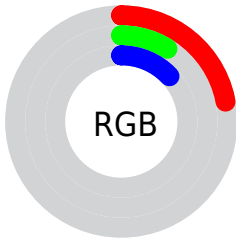
Format	Color
R_{YB}	57, 23, 33
Decimal	3741473
CIE Lab	13.19, 18.18, 1.05
CIE LCh	13, 18.210, 3.307
Yxy	1.5926, 0.4134, 0.2901
Android (android.graphics.Color)	4281931553 (0xFF391721)
YUV	34.3060, -0.6439, 19.9026
Hunter-Lab	12.6199, 10.0149, 1.1865

Details

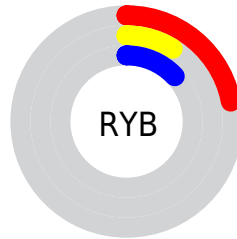
The YIQ color **34.3060, 17.0540, 10.3180** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **45.6940, -17.0540, -10.3180**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.8010, 20.0340, 11.3780**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.3280, 19.9880, 12.2120**, and if you desaturate by 10%, it is **38.2840, 14.1200, 8.4240**.

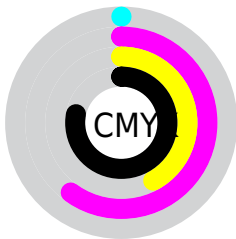
Distribution



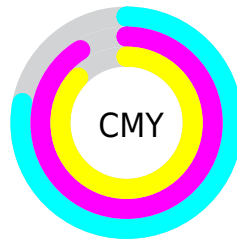
- Red (22%)
- Green (9%)
- Blue (13%)



- Red (22%)
- Yellow (9%)
- Blue (13%)



- Cyan (0%)
- Magenta (60%)
- Yellow (42%)
- Black (78%)



- Cyan (78%)
- Magenta (91%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.3060, 17.0540, 10.3180 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 34.3060, 17.0540, 10.3180 by changing the saturation by 10% instead.

■ 34.3060, 17.0540,
10.3180

■ 34.3060, 17.0540,
10.3180

■ 253.2390, 0.8250,
1.5690

■ 12.2030, 18.8420,
10.9540

■ 79.8010, 20.0340,
11.3780

■ 0.0000, 0.0000,
0.0000

■ 104.3990, 21.2260,
11.8020

■ 129.6980, 21.8220,
12.0140

■ 155.9970, 22.4180,
12.2260

■ 182.5950, 23.6100,
12.6500

■ 210.3070, 24.4810,

13.3850

233.8220, 15.5410,
10.2050

34.3060, 17.0540,
10.3180

34.3060, 17.0540,
10.3180

30.3280, 19.9880,
12.2120

38.2840, 14.1200,
8.4240

26.9370, 22.6470,
13.5830

41.6750, 11.4610,
7.0530

22.9590, 25.5810,
15.4770

45.6530, 8.5270,
5.1590

18.9810, 28.5150,
17.3710

49.6310, 5.5930,
3.2650

53.0220, 2.9340,
1.8940

■ 57.0000, 0.0000,
0.0000

■ 60.9780, -2.9340,
-1.8940

■ 64.9560, -5.8680,
-3.7880

■ 68.3470, -8.5270,
-5.1590

Harmonies

Analogous

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



35.0540, 9.0760, 11.7320



34.3060, 17.0540, 10.3180



33.8130, 19.7600, 5.3280

Triad

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



34.3060, 17.0540, 10.3180



30.9320, 2.7070, -10.5170



28.6900, -28.4260, -2.4580

Complementary

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



34.3060, 17.0540, 10.3180



45.6940, -17.0540, -10.3180

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.



28.8380, -26.0870, -6.3030



34.3060, 17.0540, 10.3180



28.0920, -12.4230, -11.6470

Square

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



34.3060, 17.0540, 10.3180



32.5590, 14.1230, -8.1570



27.4700, -22.2350, -10.0350



31.1580, -20.8160, 2.8000

Rectangle

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



34.3060, 17.0540, 10.3180



33.6510, 20.0360, 0.3240



27.4700, -22.2350, -10.0350



29.0490, -28.0590, -3.6030

Sweetspot

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



34.3060, 17.0540, 10.3180



65.3430, 6.4640, 4.0000



34.0520, 3.3900, 15.6620



32.6200, 4.1260, 2.3180



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



34.3060, 17.0540, 10.3180



38.5570, 26.7730, 15.9010



37.2750, 18.3390, 3.5470



26.0110, 1.4670, 0.9470



30.5860, 46.1650, 27.9010



72.8910, 109.6590, 66.6430

Inverse Universe

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



34.3060, 17.0540, 10.3180



38.5570, 26.7730, 15.9010



42.7250, -18.3390, -3.5470



26.0110, 1.4670, 0.9470



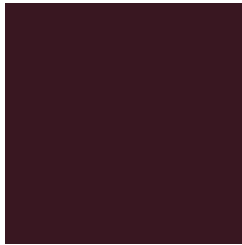
30.5860, 46.1650, 27.9010



72.8910, 109.6590, 66.6430

Previews

White Background



This preview shows how the YIQ color 34.3060, 17.0540, 10.3180 looks on a white background.

Color Contrast Check

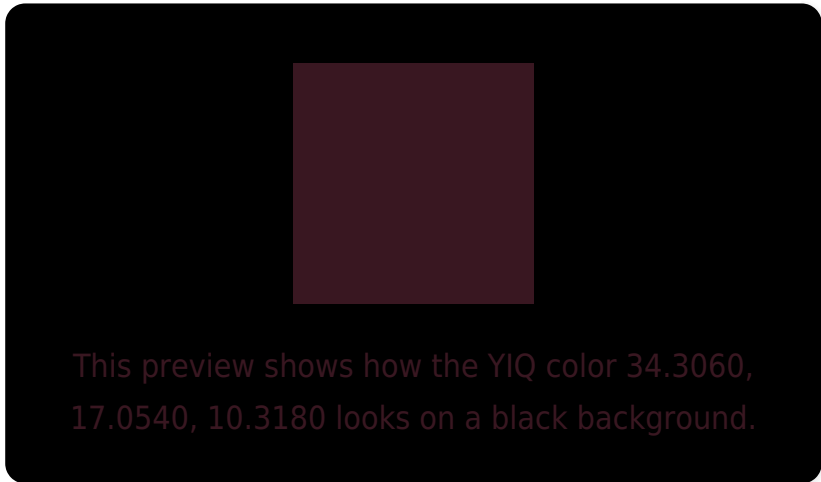
Large Text (above 18pt) WCAG AA ✓ Pass

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

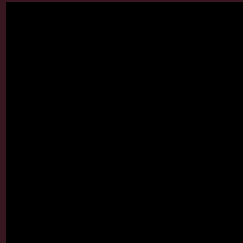
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.3060, 17.0540, 10.3180

Background



This preview shows how black text looks on a background with the YIQ color 34.3060, 17.0540, 10.3180.



This preview shows how white text looks on a background with the YIQ color 34.3060, 17.0540,

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

34.3060, 17.0540, 10.3180

Protanopia

35.2710, -2.2010, 1.3430

Deuteranopia

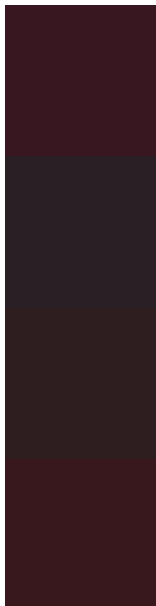
35.4520, 4.5390, 0.3390



Tritanopia

34.0950, 19.0260, 7.6180

Trichromacy



Original Color

34.3060, 17.0540, 10.3180

Protanomaly

34.9730, 4.6300, 4.1980

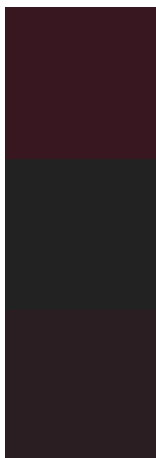
Deuteranomaly

35.0120, 8.8940, 4.0140

Tritanomaly

34.4370, 18.0630, 8.5510

Monochromacy



Original Color

34.3060, 17.0540, 10.3180

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0440, 5.8680, 3.7880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3060, 17.0540, 10.3180 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(57, 23, 33)` looks like.

```
.text, #text, p{  
    color:rgb(57, 23, 33)  
}
```

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(57, 23, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 23, 33) }
```

Border

The CSS property to change the border of an element to YIQ 34.3060, 17.0540, 10.3180 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(57, 23, 33) }
```


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

```
.border{ border-color:rgb(57, 23, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 23, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 23, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 23, 33);  
box-shadow:4px 4px 4px 4px rgb(57, 23, 33)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.3060, 17.0540, 10.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 23, 33) }
```

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

```
.background{ background-color: rgb(57, 23,  
33) }
```

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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