

Converting Colors

YIQ(34.3770, 36.6280, 30.0360)

Have a look what the booklet for
YIQ(34.3770, 36.6280, 30.0360)
contains.

YIQ(34.3770, 36.6280, 30.0360)	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(34.3770, 36.6280,
30.0360)**

Conversions

Conversions Part 1

Format	Color
Hex	58052D
RGB	88, 5, 45
RGB Percent	35%, 2%, 18%
CMY	0.6547, 0.9805, 0.8234
CMYK	0.00, 0.94, 0.49, 0.65
HSL	331°, 89%, 18%
HSV	331°, 94%, 35%
XYZ	4.5580, 2.3749, 2.7037
YIQ	34.3770, 36.6280, 30.0360

Conversions

Conversions Part 2

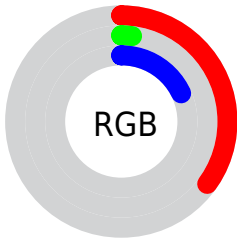
Format	Color
R_{YB}	88, 5, 45
Decimal	5768493
CIE Lab	17.34, 37.93, -0.86
CIE LCh	17, 37.944, 358.701
Yxy	2.3749, 0.4730, 0.2464
Android (android.graphics.Color)	4283958573 (0xFF58052D)
YUV	34.3770, 5.2371, 47.0274
Hunter-Lab	15.4109, 25.8249, 0.3855

Details

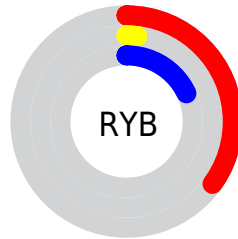
The YIQ color **34.3770, 36.6280, 30.0360** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **58.6230, -36.6280, -30.0360**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **87.9380, 39.2420, 26.7140**, and **12.0740, 23.5190, 8.7910** is the 20% darker color. If you saturate the color by 10%, you get **31.1000, 38.9660, 31.7180**, and if you desaturate by 10%, it is **40.2300, 32.5480, 26.8840**.

Distribution



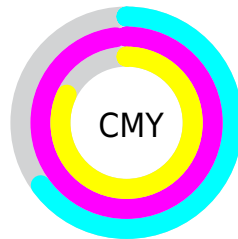
- Red (35%)
- Green (2%)
- Blue (18%)



- Red (35%)
- Yellow (2%)
- Blue (18%)



- Cyan (0%)
- Magenta (94%)
- Yellow (49%)
- Black (65%)





- Cyan (65%)
- Magenta (98%)
- Yellow (82%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 34.3770, 36.6280, 30.0360 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 34.3770, 36.6280, 30.0360 by changing the saturation by 10% instead.


 34.3770, 36.6280,
30.0360


 34.3770, 36.6280,
30.0360

 251.4780, 1.6500,
3.1380


 21.3880, 28.9270,
20.9190


 87.9380, 39.2420,
26.7140


 12.0740, 23.5190,
8.7910

 113.8350, 41.0300,
27.3500

 0.0000, 0.0000,
0.0000

 140.3190, 42.5430,
27.4630


 167.3300, 44.0100,
28.4100


 194.6290, 44.6060,
28.6220


 214.2570, 27.9180,


22.6860


 233.8850, 11.2300,
16.7500


 34.3770, 36.6280,
30.0360


 34.3770, 36.6280,
30.0360


 31.1000, 38.9660,
31.7180

 40.2300, 32.5480,
26.8840

 45.9690, 28.7890,
23.4210

 51.2350, 24.9840,
20.7920

 56.9740, 21.2250,
17.3290

 62.8270, 17.1450,
14.1770

■ 68.5660, 13.3860,
10.7140

■ 74.4190, 9.3060,
7.5620

■ 79.6850, 5.5010,
4.9330

■ 85.4240, 1.7420,
1.4700

Harmonies

Analogous

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



41.6610, 15.2170, 27.0970



34.3770, 36.6280, 30.0360



35.6960, 42.4990, 17.2430

Triad

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



34.3770, 36.6280, 30.0360



36.8470, 4.0840, -18.9560



40.6700, -42.8690, 0.4830

Complementary

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



34.3770, 36.6280, 30.0360



58.6230, -36.6280, -30.0360

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.



39.4500, -36.6780, -7.0940



34.3770, 36.6280, 30.0360



31.7780, -17.8310, -23.7750

Square

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



34.3770, 36.6280, 30.0360



40.5120, 21.5050, -9.7830



36.3720, -28.0110, -15.4910



38.7610, -44.3830, 5.8970

Rectangle

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



34.3770, 36.6280, 30.0360



38.3070, 41.6760, 4.6200



36.3720, -28.0110, -15.4910



40.5730, -41.2180, -1.9060

Sweetspot

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



34.3770, 36.6280, 30.0360



94.2780, 14.2570, 11.4490



27.3190, -1.0150, 34.9290



46.0060, 9.0310, 7.0390



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.



34.3770, 36.6280, 30.0360



40.6550, 50.8850, 41.4850



30.4040, 49.1930, 17.0730



40.4240, 1.7420, 1.4700



37.9210, 47.0800, 38.8560



83.1470, 103.7870, 84.9630

Inverse Universe

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



34.3770, 36.6280, 30.0360



40.6550, 50.8850, 41.4850



62.5960, -49.1930, -17.0730



40.4240, 1.7420, 1.4700



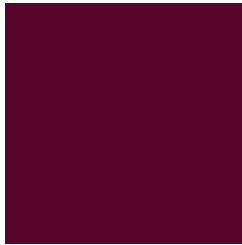
37.9210, 47.0800, 38.8560



83.1470, 103.7870, 84.9630

Previews

White Background



This preview shows how the YIQ color 34.3770, 36.6280, 30.0360 looks on a white background.

Color Contrast Check

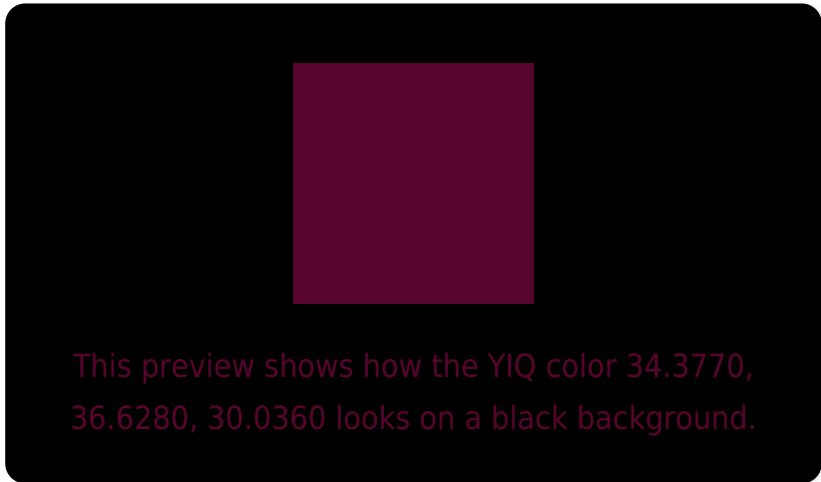
Large Text (above 18pt) WCAG AA ✓ Pass

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

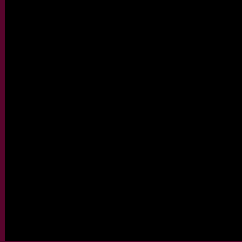
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.3770, 36.6280, 30.0360

Background



This preview shows how black text looks on a background with the YIQ color 34.3770, 36.6280, 30.0360.



This preview shows how white text looks on a background with the YIQ color 34.3770, 36.6280,

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

34.3770, 36.6280, 30.0360

Protanopia

45.7850, -9.4000, 5.1600

Deuteranopia

46.0500, 5.7310, 0.7630



Tritanopia

38.6310, 41.1240, 14.6280

Trichromacy



Original Color

34.3770, 36.6280, 30.0360

Protanomaly

41.2650, 7.1040, 14.4320

Deuteranomaly

41.8330, 17.0080, 11.1520

Tritanomaly

36.8360, 39.2890, 20.3530

Monochromacy



Original Color

34.3770, 36.6280, 30.0360

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

33.9790, 13.6610, 11.2370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.3770, 36.6280, 30.0360 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, 5, 45)` looks like.

```
.text, #text, p{  
    color:rgb(88, 5, 45)  
}
```

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, 5, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 5, 45) }
```

Border

The CSS property to change the border of an element to YIQ 34.3770, 36.6280, 30.0360 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, 5, 45) }
```


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

```
.border{ border-color:rgb(88, 5, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 5, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 5, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(88, 5, 45); box-shadow:4px  
4px 4px 4px rgb(88, 5, 45) }
```

Background

The CSS property to change the background color of an element to YIQ 34.3770, 36.6280, 30.0360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 5, 45) }
```

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

```
.background{ background-color: rgb(88, 5,  
45) }
```

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