

Converting Colors

YIQ(60.8160, 34.0140, 33.3580)

Have a look what the booklet for
YIQ(60.8160, 34.0140, 33.3580)
contains.

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Color

**YIQ(60.8160, 34.0140,
33.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	721E50
RGB	114, 30, 80
RGB Percent	45%, 12%, 31%
CMY	0.5527, 0.8825, 0.6862
CMYK	0.00, 0.74, 0.30, 0.55
HSL	324°, 58%, 28%
HSV	324°, 74%, 45%
XYZ	8.8594, 5.0877, 8.1093
YIQ	60.8160, 34.0140, 33.3580

Conversions

Conversions Part 2

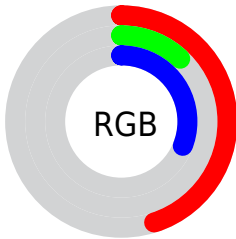
Format	Color
R_{YB}	114, 30, 80
Decimal	7478864
CIE _{Lab}	26.98, 41.43, -10.04
CIE _{LCh}	27, 42.630, 346.381
Yxy	5.0877, 0.4017, 0.2307
Android (android.graphics.Color)	4285668944 (0xFF721E50)
YUV	60.8160, 9.4577, 46.6424
Hunter-Lab	22.5559, 30.6373, -5.5267

Details

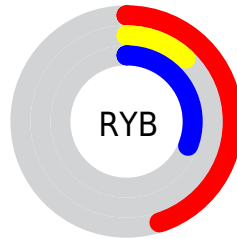
The YIQ color **60.8160, 34.0140, 33.3580** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **83.1840, -34.0140, -33.3580**, and the grayscale version is **61.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **113.3710, 36.7650, 33.0610**, and **22.5280, 25.7170, 24.0290** is the 20% darker color. If you saturate the color by 10%, you get **53.7890, 38.6440, 37.5560**, and if you desaturate by 10%, it is **67.8430, 29.3840, 29.1600**.

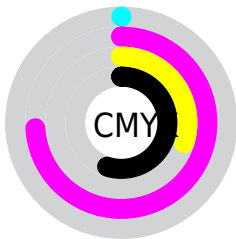
Distribution



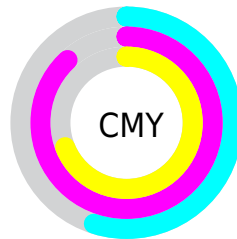
- Red (45%)
- Green (12%)
- Blue (31%)



- Red (45%)
- Yellow (12%)
- Blue (31%)



- Cyan (0%)
- Magenta (74%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (88%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 60.8160, 34.0140, 33.3580 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 60.8160, 34.0140, 33.3580 by changing the saturation by 10% instead.

60.8160, 34.0140,
33.3580

60.8160, 34.0140,
33.3580

255.0000, -0.0000,
-0.0000

32.8100, 34.1510,
36.3830

113.3710, 36.7650,
33.0610

22.5280, 25.7170,
24.0290

139.9690, 37.9570,
33.4850

13.4420, 19.6670,
12.5230

166.9800, 39.4240,
34.4320

0.0000, 0.0000,
0.0000

194.6920, 40.2950,
35.1670

214.3200, 23.6070,
29.2310

232.6940, 10.4500,

19.8740

249.7170, 2.4750,
4.7070

60.8160, 34.0140,
33.3580

60.8160, 34.0140,
33.3580

53.7890, 38.6440,
37.5560

67.8430, 29.3840,
29.1600

46.2890, 43.2280,
42.5880

75.3430, 24.8000,
24.1280

41.8380, 46.1160,
45.3160

82.3700, 20.1700,
19.9300

89.8700, 15.5860,
14.8980

96.8970, 10.9560,
10.7000

■ 103.9240, 6.3260,
6.5020

■ 111.4240, 1.7420,
1.4700

■ 118.4510, -2.8880,
-2.7280

■ 126.0650, -7.7930,
-7.4490

Harmonies

Analogous

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



65.4410, 4.2130, 28.2850



60.8160, 34.0140, 33.3580



57.9730, 49.3290, 25.6250

Triad

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



60.8160, 34.0140, 33.3580



58.4540, 18.2520, -22.4200



57.8530, -56.8060, -5.7500

Complementary

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



60.8160, 34.0140, 33.3580



83.1840, -34.0140, -33.3580

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.



55.0200, -47.4510, -15.6030



60.8160, 34.0140, 33.3580



50.6010, -13.1990, -30.6310

Square

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



60.8160, 34.0140, 33.3580



60.6680, 38.5610, -10.5190



50.5570, -36.2620, -25.6540



56.7420, -60.5670, 1.8410

Rectangle

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



60.8160, 34.0140, 33.3580



59.4810, 50.2940, 13.6380



50.5570, -36.2620, -25.6540



57.4140, -54.1920, -9.0720

Sweetspot

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



60.8160, 34.0140, 33.3580



127.1470, 13.2480, 13.2160



49.7420, -6.7000, 33.3320



61.9350, 7.7930, 7.4490



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



60.8160, 34.0140, 33.3580



65.6480, 52.7630, 51.5070



56.0280, 47.4960, 20.2960



52.2500, 2.2920, 2.5160



43.9740, 48.7290, 47.5210



90.6110, 100.0250, 98.0810

Inverse Universe

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



60.8160, 34.0140, 33.3580



65.6480, 52.7630, 51.5070



87.9720, -47.4960, -20.2960



52.2500, 2.2920, 2.5160



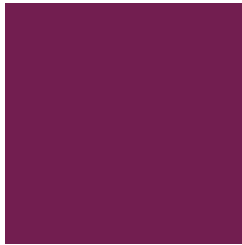
43.9740, 48.7290, 47.5210



90.6110, 100.0250, 98.0810

Previews

White Background



This preview shows how the YIQ color 60.8160, 34.0140, 33.3580 looks on a white background.

Color Contrast Check

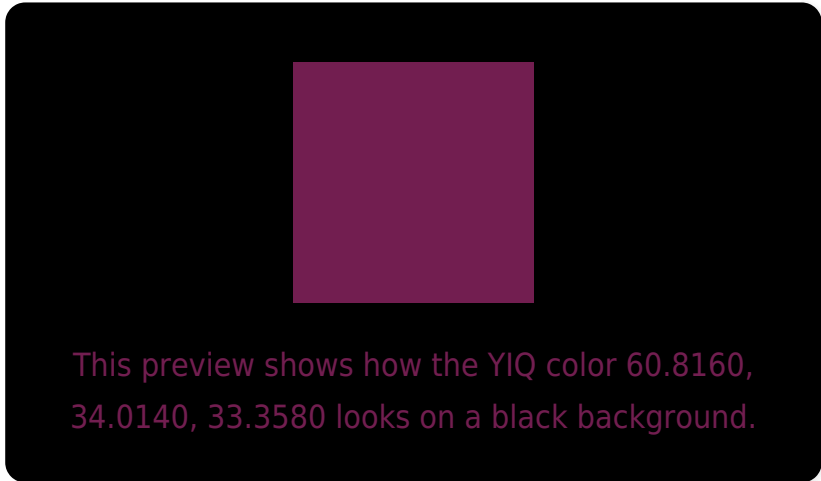
Large Text (above 18pt) WCAG AA ✓ Pass

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

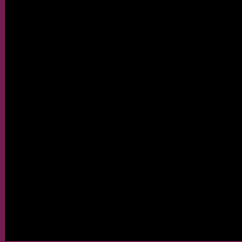
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 60.8160, 34.0140, 33.3580

Background



This preview shows how black text looks on a background with the YIQ color 60.8160, 34.0140, 33.3580.



This preview shows how white text looks on a background with the YIQ color 60.8160, 34.0140,

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

60.8160, 34.0140, 33.3580

Protanopia

64.4880, -21.5050, 9.7830

Deuteranopia

66.2650, -2.0640, 4.3680



Tritanopia

62.1580, 41.0780, 15.4620

Trichromacy



Original Color

60.8160, 34.0140, 33.3580

Protanomaly

63.2950, -1.6080, 18.1360

Deuteranomaly

64.4180, 11.0470, 14.5590

Tritanomaly

61.5910, 38.6010, 21.8090

Monochromacy



Original Color

60.8160, 34.0140, 33.3580

Achromatopsia

61.0000, 0.0000, -0.0000

Achromatomaly

61.0220, 12.1020, 11.9580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 60.8160, 34.0140, 33.3580 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(114, 30, 80)` looks like.

```
.text, #text, p{  
    color:rgb(114, 30, 80)  
}
```

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(114, 30, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 30, 80) }
```

Border

The CSS property to change the border of an element to YIQ 60.8160, 34.0140, 33.3580 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(114, 30, 80) }
```


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

```
.border{ border-color:rgb(114, 30, 80) }
```

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

Here you see how a box with a 4 pixel rgb(114, 30, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 30, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 30, 80);  
box-shadow:4px 4px 4px 4px rgb(114, 30,  
80) }
```

Background

The CSS property to change the background color of an element to YIQ 60.8160, 34.0140, 33.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 30, 80) }
```

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

```
.background{ background-color: rgb(114, 30,  
80) }
```

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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