

Converting Colors

YIQ(56.8580, 34.1960, 41.0760)

Have a look what the booklet for
YIQ(56.8580, 34.1960, 41.0760)
contains.

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Color

**YIQ(56.8580, 34.1960,
41.0760)**

Conversions

Conversions Part 1

Format	Color
Hex	731559
RGB	115, 21, 89
RGB Percent	45%, 8%, 35%
CMY	0.5488, 0.9178, 0.6509
CMYK	0.00, 0.82, 0.23, 0.55
HSL	317°, 69%, 27%
HSV	317°, 82%, 45%
XYZ	9.1507, 4.9059, 9.9205
YIQ	56.8580, 34.1960, 41.0760

Conversions

Conversions Part 2

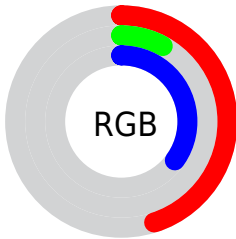
Format	Color
R_{YB}	115, 21, 89
Decimal	7542105
CIE _{Lab}	26.47, 46.12, -16.78
CIE _{LCh}	26, 49.080, 340.008
Yxy	4.9059, 0.3816, 0.2046
Android (android.graphics.Color)	4285732185 (0xFF731559)
YUV	56.8580, 15.8460, 50.9905
Hunter-Lab	22.1494, 34.9830, -11.0509

Details

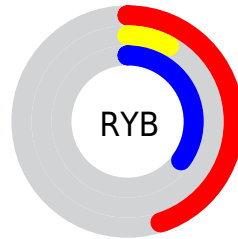
The YIQ color **56.8580, 34.1960, 41.0760** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **79.1420, -34.1960, -41.0760**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.2880, 35.8010, 39.5210**, and **23.7390, 23.7450, 26.7290** is the 20% darker color. If you saturate the color by 10%, you get **49.4720, 38.4590, 46.4190**, and if you desaturate by 10%, it is **63.6570, 30.2080, 36.2560**.

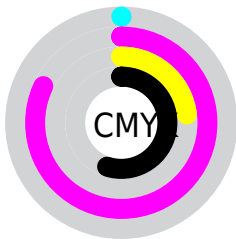
Distribution



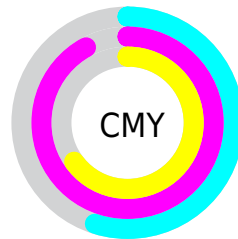
- Red (45%)
- Green (8%)
- Blue (35%)



- Red (45%)
- Yellow (8%)
- Blue (35%)



- Cyan (0%)
- Magenta (82%)
- Yellow (23%)
- Black (55%)



- Cyan (55%)
- Magenta (92%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.8580, 34.1960, 41.0760 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 56.8580, 34.1960, 41.0760 by changing the saturation by 10% instead.

■ 56.8580, 34.1960,
41.0760

■ 56.8580, 34.1960,
41.0760

■ 255.0000, -0.0000,
-0.0000

■ 34.0210, 32.1790,
39.0830

■ 111.2880, 35.8010,
39.5210

■ 23.7390, 23.7450,
26.7290

■ 138.0000, 36.6720,
40.2560

■ 14.2830, 15.8610,
15.4210

■ 165.5980, 37.8640,
40.6800

■ 0.0000, 0.0000,
0.0000

■ 193.0110, 38.1390,
41.2030

■ 212.6390, 21.4510,
35.2670

■ 229.7590, 11.8250,

22.4890

246.7820, 3.8500,
7.3220

56.8580, 34.1960,
41.0760

56.8580, 34.1960,
41.0760

49.4720, 38.4590,
46.4190

63.6570, 30.2080,
36.2560

43.8470, 41.8970,
50.1930

71.0430, 25.9450,
30.9130

77.9560, 21.6360,
26.4040

85.3420, 17.3730,
21.0610

92.7280, 13.1100,
15.7180

■ 99.5270, 9.1220,
10.8980

■ 106.9130, 4.8590,
5.5550

■ 113.8260, 0.5500,
1.0460

■ 121.2120, -3.7130,
-4.2970

Harmonies

Analogous

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



64.1180, -5.0030, 30.1090



56.8580, 34.1960, 41.0760



48.5970, 56.8000, 38.9120

Triad

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



56.8580, 34.1960, 41.0760



58.1880, 22.0570, -19.7910



58.3260, -56.7600, -6.5840

Complementary

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



56.8580, 34.1960, 41.0760



79.1420, -34.1960, -41.0760

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.



54.3360, -45.5250, -17.4690



56.8580, 34.1960, 41.0760



49.1300, -7.5590, -33.7270

Square

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



56.8580, 34.1960, 41.0760



59.2390, 44.3830, -5.8970



49.1890, -32.4100, -29.3860



58.6000, -63.0430, 2.6610

Rectangle

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



56.8580, 34.1960, 41.0760



52.8830, 58.2700, 23.2780



49.1890, -32.4100, -29.3860



57.0720, -53.2290, -10.0050

Sweetspot

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



56.8580, 34.1960, 41.0760



127.1410, 13.3850, 16.2410



39.1910, -15.2740, 34.5340



62.7010, 8.5720, 9.8520



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



56.8580, 34.1960, 41.0760



59.1510, 53.2650, 64.4410



51.6140, 48.9620, 26.7700



55.2500, 2.2920, 2.5160



46.6240, 44.1430, 53.5430



95.3840, 90.8990, 109.2910

Inverse Universe

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



56.8580, 34.1960, 41.0760



59.1510, 53.2650, 64.4410



84.3860, -48.9620, -26.7700



55.2500, 2.2920, 2.5160



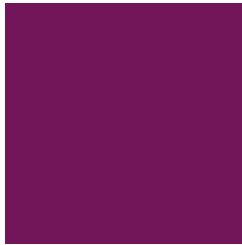
46.6240, 44.1430, 53.5430



95.3840, 90.8990, 109.2910

Previews

White Background



This preview shows how the YIQ color 56.8580, 34.1960, 41.0760 looks on a white background.

Color Contrast Check

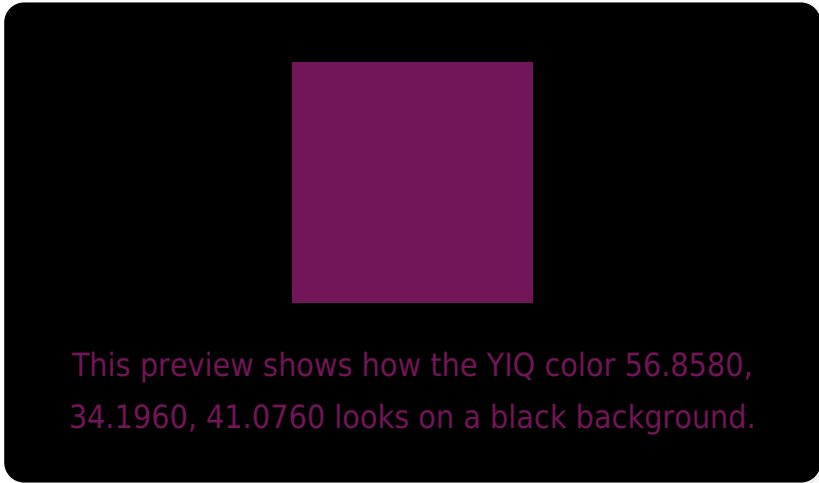
Large Text (above 18pt) WCAG AA ✓ Pass

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

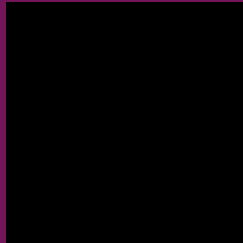
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.8580, 34.1960, 41.0760

Background



This preview shows how black text looks on a background with the YIQ color 56.8580, 34.1960, 41.0760.



This preview shows how white text looks on a background with the YIQ color 56.8580, 34.1960,

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

56.8580, 34.1960, 41.0760

Protanopia

60.6420, -36.4980, 11.6780

Deuteranopia

64.4970, -8.5290, 5.8950



Tritanopia

60.7560, 42.2700, 15.8860

Trichromacy



Original Color

56.8580, 34.1960, 41.0760

Protanomaly

59.4390, -10.6410, 22.1510

Deuteranomaly

61.9000, 6.8740, 18.6020

Tritanomaly

58.8840, 39.3340, 25.0460

Monochromacy



Original Color

56.8580, 34.1960, 41.0760

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0160, 12.2390, 14.9830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.8580, 34.1960, 41.0760 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(115, 21, 89)` looks like.

```
.text, #text, p{  
    color:rgb(115, 21, 89)  
}
```

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(115, 21, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 21, 89) }
```

Border

The CSS property to change the border of an element to YIQ 56.8580, 34.1960, 41.0760 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(115, 21, 89) }
```


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

```
.border{ border-color:rgb(115, 21, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 21, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 21, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 21, 89);  
box-shadow:4px 4px 4px 4px rgb(115, 21,  
89) }
```

Background

The CSS property to change the background color of an element to YIQ 56.8580, 34.1960, 41.0760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 21, 89) }
```

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

```
.background{ background-color: rgb(115, 21,  
89) }
```

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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