

Converting Colors

YIQ(56.9780, 34.8790, 67.2550)

Have a look what the booklet for
YIQ(56.9780, 34.8790, 67.2550)
contains.

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Color

**YIQ(56.9780, 34.8790,
67.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	840485
RGB	132, 4, 133
RGB Percent	52%, 2%, 52%
CMY	0.4820, 0.9845, 0.4784
CMYK	0.01, 0.97, 0.00, 0.48
HSL	300°, 94%, 27%
HSV	300°, 97%, 52%
XYZ	13.8082, 6.6928, 22.7579
YIQ	56.9780, 34.8790, 67.2550

Conversions

Conversions Part 2

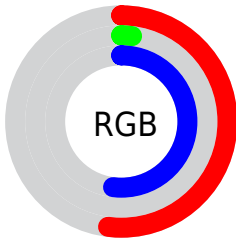
Format	Color
R_{YB}	132, 4, 133
Decimal	8651909
CIE _{Lab}	31.10, 59.84, -37.49
CIE _{LCh}	31, 70.615, 327.934
Yxy	6.6928, 0.3192, 0.1547
Android (android.graphics.Color)	4286841989 (0xFF840485)
YUV	56.9780, 37.4788, 65.7943
Hunter-Lab	25.8705, 49.9997, -34.0472

Details

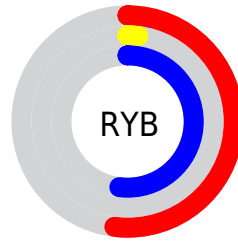
The YIQ color **56.9780, 34.8790, 67.2550** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **80.0220, -34.8790, -67.2550**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.8540, 31.9920, 59.0000**, and **32.7840, 19.8450, 42.3490** is the 20% darker color. If you saturate the color by 10%, you get **54.6300, 35.9790, 69.3470**, and if you desaturate by 10%, it is **64.6090, 31.3040, 60.4560**.

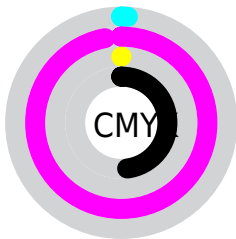
Distribution



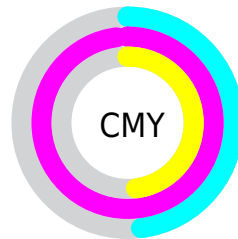
- Red (52%)
- Green (2%)
- Blue (52%)



- Red (52%)
- Yellow (2%)
- Blue (52%)



- Cyan (1%)
- Magenta (97%)
- Yellow (0%)
- Black (48%)



- Cyan (48%)
- Magenta (98%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9780, 34.8790, 67.2550 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 56.9780, 34.8790, 67.2550 by changing the saturation by 10% instead.

■ 56.9780, 34.8790,
67.2550

■ 56.9780, 34.8790,
67.2550

■ 255.0000, -0.0000,
-0.0000

■ 43.5930, 28.2330,
55.5370

■ 121.8540, 31.9920,
59.0000

■ 32.7840, 19.8450,
42.3490

■ 150.1530, 32.5880,
59.2120

■ 22.8720, 13.2450,
29.7970

■ 177.8650, 33.4590,
59.9470

■ 10.9810, 2.1520,
16.0720

■ 198.0610, 26.6750,
50.7310


■ 1.3680, -3.8520,
3.7320


■ 214.4970, 18.9750,
36.0870


■ 0.0000, 0.0000,
0.0000


■ 231.5200, 11.0000,


20.9200


 249.1300, 2.7500,
5.2300


 56.9780, 34.8790,
67.2550


 56.9780, 34.8790,
67.2550


 54.6300, 35.9790,
69.3470

 64.6090, 31.3040,
60.4560

 72.8270, 27.4540,
53.1340

 80.4580, 23.8790,
46.3350

 88.0890, 20.3040,
39.5360

 96.0190, 17.3250,
32.9490

■ 104.2370, 13.4750,
25.6270

■ 111.8680, 9.9000,
18.8280

■ 119.4990, 6.3250,
12.0290

■ 127.7170, 2.4750,
4.7070

Harmonies

Analogous

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



66.6030, -48.7890, 30.6910



56.9780, 34.8790, 67.2550



57.5580, 70.8720, 59.2240

Triad

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



56.9780, 34.8790, 67.2550



69.1960, 36.7740, -16.6820



69.9010, -65.9290, -11.1210

Complementary

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



56.9780, 34.8790, 67.2550



80.0220, -34.8790, -67.2550

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.



62.9300, -47.6780, -28.0140



56.9780, 34.8790, 67.2550



60.0720, -1.6440, -36.3000

Square

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



56.9780, 34.8790, 67.2550



64.7200, 68.3140, 6.4420



53.4170, -25.0250, -47.5930



73.1560, -79.2280, 4.1320

Rectangle

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



56.9780, 34.8790, 67.2550



54.0520, 83.6200, 48.4520



53.4170, -25.0250, -47.5930



67.8490, -60.1510, -16.7190

Sweetspot

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



56.9780, 34.8790, 67.2550



143.6500, 13.7500, 26.1500



19.8800, -41.9590, 39.0730



68.5040, 7.9290, 16.0010



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



56.9780, 34.8790, 67.2550



71.1500, 46.9790, 90.2670



50.2090, 55.3770, 48.1850



62.4780, 1.6500, 3.1380



53.3910, 35.1540, 67.7780



1.2390, 0.8250, 1.5690

Inverse Universe

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



42.6850, 76.5630, 27.6590



51.8410, 102.7870, 36.9870



86.7910, -55.3770, -48.1850



61.7940, 3.5760, 1.2720



38.9840, 77.1590, 27.8710



0.8970, 1.7880, 0.6360

Previews

White Background



This preview shows how the YIQ color 56.9780, 34.8790, 67.2550 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

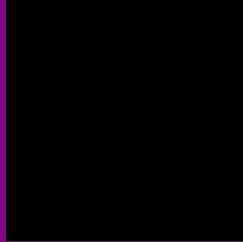
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9780, 34.8790, 67.2550

Background



This preview shows how black text looks on a background with the YIQ color 56.9780, 34.8790, 67.2550.



This preview shows how white text looks on a background with the YIQ color 56.9780, 34.8790,

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

56.9780, 34.8790, 67.2550

Protanopia

60.5210, -69.8300, 10.0260

Deuteranopia

72.0180, -34.8010, 8.4550



Tritanopia

73.9840, 41.6280, 16.5080

Trichromacy



Original Color

56.9780, 34.8790, 67.2550

Protanomaly

59.2860, -31.7790, 30.7890

Deuteranomaly

66.6660, -9.5420, 29.7700

Tritanomaly

68.0940, 39.1030, 34.7430

Monochromacy



Original Color

56.9780, 34.8790, 67.2550

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1120, 12.3290, 24.3690

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9780, 34.8790, 67.2550 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(132, 4, 133)` looks like.

```
.text, #text, p{  
    color:rgb(132, 4, 133)  
}
```

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(132, 4, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 4, 133) }
```

Border

The CSS property to change the border of an element to YIQ 56.9780, 34.8790, 67.2550 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(132, 4, 133) }
```


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

```
.border{ border-color:rgb(132, 4, 133) }
```

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

Here you see how a box with a 4 pixel rgb(132, 4, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 4, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 4, 133);  
box-shadow:4px 4px 4px 4px rgb(132, 4,  
133) }
```

Background

The CSS property to change the background color of an element to YIQ 56.9780, 34.8790, 67.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 4, 133) }
```

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

```
.background{ background-color: rgb(132, 4,  
133) }
```

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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