

Converting Colors

YIQ(58.9900, 26.5780, 80.0340)

Have a look what the booklet for
YIQ(58.9900, 26.5780, 80.0340)
contains.

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Color

**YIQ(58.9900, 26.5780,
80.0340)**

Conversions

Conversions Part 1

Format	Color
Hex	8600A6
RGB	134, 0, 166
RGB Percent	53%, 0%, 65%
CMY	0.4741, 1.0000, 0.3490
CMYK	0.19, 1.00, 0.00, 0.35
HSL	288°, 100%, 33%
HSV	288°, 100%, 65%
XYZ	16.7311, 7.8301, 36.7031
YIQ	58.9900, 26.5780, 80.0340

Conversions

Conversions Part 2

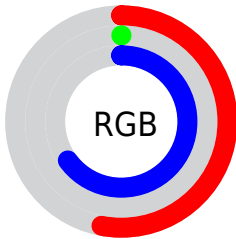
Format	Color
R_{YB}	134, 0, 166
Decimal	8781990
CIE _{Lab}	33.63, 66.31, -53.63
CIE _{LCh}	34, 85.283, 321.037
Yxy	7.8301, 0.2731, 0.1278
Android (android.graphics.Color)	4286972070 (0xFF8600A6)
YUV	58.9900, 52.7559, 65.7838
Hunter-Lab	27.9824, 57.7586, -58.1801

Details

The YIQ color **58.9900, 26.5780, 80.0340** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **107.0100, -26.5780, -80.0340**, and the grayscale version is **58.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **127.0290, 21.6740, 69.7860**, and **36.2040, 10.2150, 51.6790** is the 20% darker color. If you saturate the color by 10%, you get **58.9900, 26.5780, 80.0340**, and if you desaturate by 10%, it is **69.8660, 23.6910, 71.7790**.

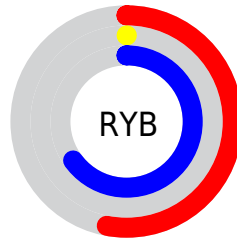
Distribution



Red (53%)

Green (0%)

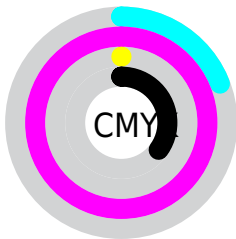
Blue (65%)



Red (53%)

Yellow (0%)

Blue (65%)

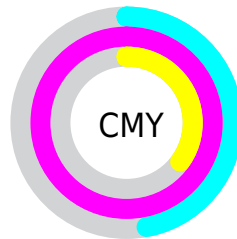


Cyan (19%)

Magenta (100%)

Yellow (0%)

Black (35%)



Cyan (47%)


Magenta (100%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.9900, 26.5780, 80.0340 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 58.9900, 26.5780, 80.0340 by changing the saturation by 10% instead.


 58.9900, 26.5780,
80.0340


 58.9900, 26.5780,
80.0340

255.0000, -0.0000,
-0.0000


 47.5400, 18.5570,
65.7010


 127.3280, 22.2700,
69.9980


 36.2040, 10.2150,
51.6790


 156.3280, 22.2700,
69.9980


 25.2810, 2.1480,
38.1800


 182.1900, 31.1660,
62.9580

 13.4610, -7.7070,
24.0450

 199.8220, 25.8500,
49.1620

 6.3210, -13.6650,
10.8710

 216.2580, 18.1500,
34.5180

 2.6390, -6.0530,
5.0750

 233.2810, 10.1750,

 0.0000, 0.0000,

19.3510

0.0000

250.8910, 1.9250,
3.6610

58.9900, 26.5780,
80.0340

69.8660, 23.6910,
71.7790

80.1550, 21.0790,
64.0470

91.3300, 18.7880,
56.0040

101.6190, 16.1760,
48.2720

112.4950, 13.2890,
40.0170

■ 123.3710, 10.4020,
31.7620

■ 133.6600, 7.7900,
24.0300

■ 144.8350, 5.4990,
15.9870

■ 155.1240, 2.8870,
8.2550

Harmonies

Analogous

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



66.0900, -86.8890, 27.3430



58.9900, 26.5780, 80.0340



66.0460, 75.7300, 70.3060

Triad

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



58.9900, 26.5780, 80.0340



75.1760, 48.6940, -12.4420



75.5260, -69.3670, -14.8950

Complementary

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



58.9900, 26.5780, 80.0340



107.0100, -26.5780, -80.0340

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.



66.2580, -46.0260, -35.9300



58.9900, 26.5780, 80.0340



67.7800, 5.0500, -36.4700

Square

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



58.9900, 26.5780, 80.0340



57.8190, 90.6850, 25.0290



57.5260, -26.9500, -51.2540



81.6650, -88.0310, 3.9770

Rectangle

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



58.9900, 26.5780, 80.0340



63.1230, 94.0260, 58.1060



57.5260, -26.9500, -51.2540



72.3170, -61.7090, -21.5250

Sweetspot

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



58.9900, 26.5780, 80.0340



174.9580, 10.1270, 31.2390



38.2950, -62.3610, 34.3670



84.1280, 6.2320, 19.2240



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



58.9900, 26.5780, 80.0340



77.0630, 34.6430, 104.5870



62.8580, 61.7000, 71.2680



79.0050, 1.6040, 3.9720



52.4530, 23.4160, 71.2560



7.0640, 3.1160, 9.6120

Inverse Universe

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



53.2820, 88.6640, 45.1440



69.6710, 115.8500, 59.0660



103.1420, -61.7000, -71.2680



78.5060, 4.4470, 2.0070



47.4440, 79.2200, 40.0840



6.4360, 10.6360, 5.4840

Previews

White Background



This preview shows how the YIQ color 58.9900, 26.5780, 80.0340 looks on a white background.

Color Contrast Check

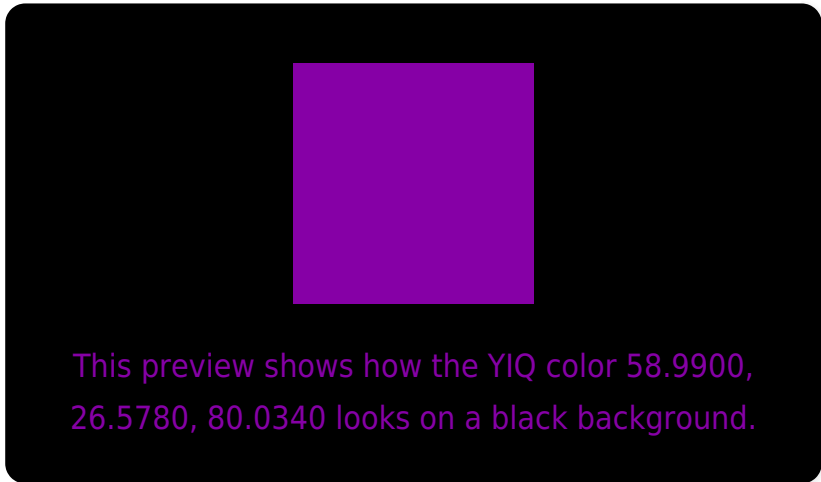
Large Text (above 18pt) WCAG AA ✓ Pass

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

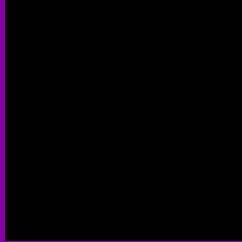
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.9900, 26.5780, 80.0340

Background



This preview shows how black text looks on a background with the YIQ color 58.9900, 26.5780, 80.0340.



This preview shows how white text looks on a background with the YIQ color 58.9900, 26.5780,

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

58.9900, 26.5780, 80.0340

Protanopia

65.4110, -75.3320, 10.6200

Deuteranopia

65.9520, -69.9660, 1.4740



Tritanopia

82.3140, 31.7710, 13.4270

Trichromacy



Original Color

58.9900, 26.5780, 80.0340

Protanomaly

63.0390, -38.1530, 36.1750

Deuteranomaly

63.2040, -34.4840, 30.2520

Tritanomaly

73.7110, 30.1160, 37.9240

Monochromacy



Original Color

58.9900, 26.5780, 80.0340

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

59.1920, 9.3480, 28.8360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.9900, 26.5780, 80.0340 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(134, 0, 166)` looks like.

```
.text, #text, p{  
    color:rgb(134, 0, 166)  
}
```

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(134, 0, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 0, 166) }
```

Border

The CSS property to change the border of an element to YIQ 58.9900, 26.5780, 80.0340 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(134, 0, 166) }
```


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

```
.border{ border-color:rgb(134, 0, 166) }
```

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

Here you see how a box with a 4 pixel rgb(134, 0, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(134, 0,  
166) }
```

Background

The CSS property to change the background color of an element to YIQ 58.9900, 26.5780, 80.0340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 0, 166) }
```

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

```
.background{ background-color: rgb(134, 0,  
166) }
```

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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