

Converting Colors

YIQ(111.8540, 4.4880, 28.8080)

Have a look what the booklet for
YIQ(111.8540, 4.4880, 28.8080)
contains.

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Color

**YIQ(111.8540, 4.4880,
28.8080)**

Conversions

Conversions Part 1

Format	Color
Hex	865C9C
RGB	134, 92, 156
RGB Percent	53%, 36%, 61%
CMY	0.4744, 0.6393, 0.3883
CMYK	0.14, 0.41, 0.00, 0.39
HSL	279°, 26%, 49%
HSV	279°, 41%, 61%
XYZ	19.6629, 15.1226, 33.3315
YIQ	111.8540, 4.4880, 28.8080

Conversions

Conversions Part 2

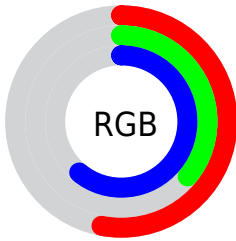
Format	Color
RYB	134, 92, 156
Decimal	8805532
CIELab	45.80, 29.33, -28.24
CIELCh	46, 40.712, 316.087
Yxy	15.1226, 0.2887, 0.2220
Android (android.graphics.Color)	4286995612 (0xFF865C9C)
YUV	111.8540, 21.7640, 19.4220
Hunter-Lab	38.8877, 22.2019, -23.5973

Details

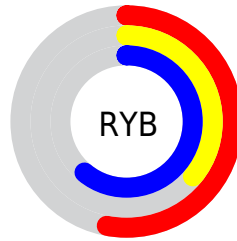
The YIQ color **111.8540, 4.4880, 28.8080** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **136.1460, -4.4880, -28.8080**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2070, 4.9920, 30.6880**, and **63.0880, 3.7090, 26.4050** is the 20% darker color. If you saturate the color by 10%, you get **100.9670, 5.9080, 36.1160**, and if you desaturate by 10%, it is **122.7410, 3.0680, 21.5000**.

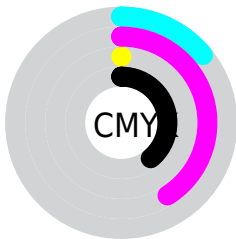
Distribution



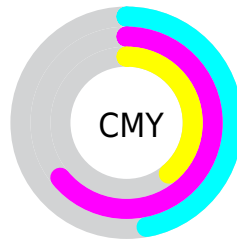
- Red (53%)
- Green (36%)
- Blue (61%)



- Red (53%)
- Yellow (36%)
- Blue (61%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (39%)



- Cyan (47%)
- Magenta (64%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.8540, 4.4880, 28.8080 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 111.8540, 4.4880, 28.8080 by changing the saturation by 10% instead.

■ 111.8540, 4.4880,
28.8080

■ 111.8540, 4.4880,
28.8080

255.0000, -0.0000,
-0.0000

■ 87.0280, 3.9380,
27.7620

■ 164.2070, 4.9920,
30.6880

■ 63.0880, 3.7090,
26.4050

■ 191.6200, 5.2670,
31.2110

■ 39.3760, 2.8380,
25.6700

■ 217.9640, 9.9900,
28.2140

■ 16.9630, 2.5630,
25.1470

■ 237.3900, 8.2500,
15.6900

■ 5.1860, -8.8510,
11.7330

254.4130, 0.2750,
0.5230

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 111.8540, 4.4880,
28.8080

■ 111.8540, 4.4880,
28.8080

■ 100.9670, 5.9080,
36.1160

■ 122.7410, 3.0680,
21.5000

■ 90.3680, 6.4570,
42.6890

■ 133.3400, 2.5190,
14.9270

■ 79.4810, 7.8770,
49.9970

■ 144.2270, 1.0990,
7.6190

■ 69.1810, 9.0220,
56.7820

■ 154.5270, -0.0460,
0.8340

■ 57.9950, 9.8460,
63.8780

■ 165.7130, -0.8700,
-6.2620

■ 48.2820, 10.7160,
70.1400

■ 176.6000, -2.2900,
-13.5700

■ 186.9000, -3.4350,
-20.3550

■ 198.0860, -4.2590,
-27.4510

■ 208.3860, -5.4040,
-34.2360

Harmonies

Analogous

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



106.5760, -36.1320, 16.0600



111.8540, 4.4880, 28.8080



110.6480, 34.4270, 31.3790

Triad

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



111.8540, 4.4880, 28.8080



106.0060, 43.4210, -10.4910



87.7390, -74.8210, -26.1890

Complementary

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



111.8540, 4.4880, 28.8080



136.1460, -4.4880, -28.8080

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.



83.1620, -63.3110, -36.5510



111.8540, 4.4880, 28.8080



103.0800, 22.2410, -23.1270

Square

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



111.8540, 4.4880, 28.8080



107.3470, 53.3670, 7.5030



98.3950, -9.6230, -29.3590



90.0990, -84.2220, -15.5020

Rectangle

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



111.8540, 4.4880, 28.8080



108.6570, 47.4030, 27.4910



98.3950, -9.6230, -29.3590



86.4850, -71.2900, -29.6100

Sweetspot

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



111.8540, 4.4880, 28.8080



187.5200, 1.8320, 10.8560



112.2100, -26.5940, 8.3980



92.2870, 0.8700, 6.2620



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



111.8540, 4.4880, 28.8080



135.1340, 7.2360, 45.0920



117.2920, 20.8100, 30.3620



73.4070, 0.4120, 3.5480



44.4080, 10.1210, 64.4010



4.7000, 1.1450, 6.7850

Inverse Universe

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



113.6440, 31.0820, 20.4100



137.7760, 48.6860, 31.7740



130.7080, -20.8100, -30.3620



73.7340, 3.8050, 2.6290



48.3430, 69.4990, 45.5550



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 111.8540, 4.4880, 28.8080 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 × Fail

Black Background



This preview shows how the YIQ color 111.8540, 4.4880, 28.8080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

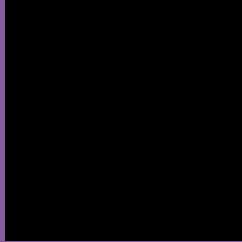
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.8540, 4.4880, 28.8080

Background



This preview shows how black text looks on a background with the YIQ color 111.8540, 4.4880, 28.8080.



This preview shows how white text looks on a background with the YIQ color 111.8540, 4.4880,

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

111.8540, 4.4880, 28.8080

Protanopia

107.6750, -32.0970, 14.5190

Deuteranopia

108.6450, -23.3850, 10.8150



Tritanopia

110.3870, 12.3320, 7.7880

Trichromacy



Original Color

111.8540, 4.4880, 28.8080

Protanomaly

109.3670, -19.3060, 19.4940

Deuteranomaly

109.7220, -13.1160, 17.4440

Tritanomaly

110.8740, 9.7630, 15.8030

Monochromacy



Original Color

111.8540, 4.4880, 28.8080

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1070, 1.5570, 10.3330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.8540, 4.4880, 28.8080 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, 92, 156)` looks like.

```
.text, #text, p{  
    color:rgb(134, 92, 156)  
}
```

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, 92, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 92, 156) }
```

Border

The CSS property to change the border of an element to YIQ 111.8540, 4.4880, 28.8080 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, 92, 156) }
```


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

```
.border{ border-color:rgb(134, 92, 156) }
```

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

Here you see how a box with a 4 pixel rgb(134, 92, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 92, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 92, 156);  
box-shadow:4px 4px 4px 4px rgb(134, 92,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 111.8540, 4.4880, 28.8080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 92, 156) }
```

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

```
.background{ background-color: rgb(134, 92,  
156) }
```

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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