

Converting Colors

YIQ(84.8540, -4.6800, 18.7440)

Have a look what the booklet for
YIQ(84.8540, -4.6800, 18.7440)
contains.

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Color

**YIQ(84.8540, -4.6800,
18.7440)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4A7A
RGB	92, 74, 122
RGB Percent	36%, 29%, 48%
CMY	0.6391, 0.7098, 0.5216
CMYK	0.25, 0.39, 0.00, 0.52
HSL	263°, 24%, 38%
HSV	263°, 39%, 48%
XYZ	10.3757, 8.5776, 19.5165
YIQ	84.8540, -4.6800, 18.7440

Conversions

Conversions Part 2

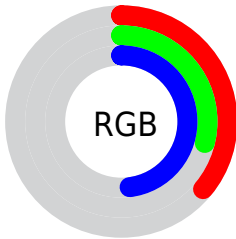
Format	Color
R_{YB}	92, 74, 122
Decimal	6048378
CIE _{Lab}	35.16, 18.45, -24.56
CIE _{LCh}	35, 30.722, 306.918
Yxy	8.5776, 0.2697, 0.2230
Android (android.graphics.Color)	4284238458 (0xFF5C4A7A)
YUV	84.8540, 18.3130, 6.2670
Hunter-Lab	29.2876, 11.9841, -19.0081

Details

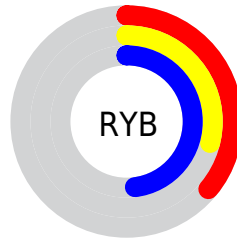
The YIQ color **84.8540, -4.6800, 18.7440** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **111.1460, 4.6800, -18.7440**, and the grayscale version is **85.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **134.9080, -4.7720, 20.4120**, and **39.0880, -5.4590, 16.3410** is the 20% darker color. If you saturate the color by 10%, you get **75.4180, -6.1480, 23.3240**, and if you desaturate by 10%, it is **94.2900, -3.2120, 14.1640**.

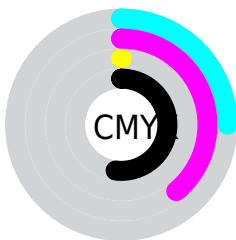
Distribution



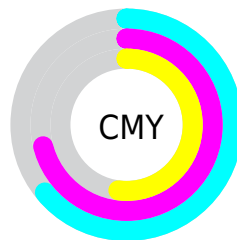
- Red (36%)
- Green (29%)
- Blue (48%)



- Red (36%)
- Yellow (29%)
- Blue (48%)



- Cyan (25%)
- Magenta (39%)
- Yellow (0%)
- Black (52%)



- Cyan (64%)
- Magenta (71%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.8540, -4.6800, 18.7440 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 84.8540, -4.6800, 18.7440 by changing the saturation by 10% instead.

■ 84.8540, -4.6800,
18.7440

■ 84.8540, -4.6800,
18.7440

■ 255.0000, -0.0000,
-0.0000

■ 61.3270, -4.6340,
17.9100

■ 134.9080, -4.7720,
20.4120

■ 39.0880, -5.4590,
16.3410

■ 161.3210, -4.4970,
20.9350

■ 16.9740, -5.1380,
16.0300

■ 188.1470, -3.9470,
21.9810

■ 4.4800, -9.8590,
7.9730

■ 215.8050, -2.9840,
21.0480

■ 0.0000, 0.0000,
0.0000

■ 240.9120, 6.6000,
12.5520

■ 84.8540, -4.6800,
18.7440

■ 84.8540, -4.6800,
18.7440

■ 75.4180, -6.1480,
23.3240

■ 94.2900, -3.2120,
14.1640

■ 66.2810, -7.0200,
28.1160

■ 103.4270, -2.3400,
9.3720

■ 56.2580, -8.2130,
33.2190

■ 113.4500, -1.1470,
4.2690

■ 47.1210, -9.0850,
38.0110

■ 122.5870, -0.2750,
-0.5230

■ 37.6850, -10.5530,
42.5910

■ 132.0230, 1.1930,
-5.1030

■ 28.2490, -12.0210,
47.1710

■ 141.4590, 2.6610,
-9.6830

■ 27.6620, -11.7460,
47.6940

■ 150.5960, 3.5330,
-14.4750

■ 160.6190, 4.7260,

-19.5780

■ 170.0550, 6.1940,
-24.1580

Harmonies

Analogous

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



78.6050, -35.0760, 7.9320



84.8540, -4.6800, 18.7440



84.7660, 19.1150, 22.5310

Triad

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



84.8540, -4.6800, 18.7440



81.7310, 34.2500, -3.9740



65.7970, -54.3730, -22.3170

Complementary

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



84.8540, -4.6800, 18.7440



111.1460, 4.6800, -18.7440

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.



71.3300, -28.1930, -23.2090



84.8540, -4.6800, 18.7440



79.8770, 21.7350, -13.9530

Square

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



84.8540, -4.6800, 18.7440



82.6860, 39.2910, 9.2990



77.3520, 1.1040, -20.0160



67.8320, -61.4810, -14.6410

Rectangle

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



84.8540, -4.6800, 18.7440



83.8720, 30.4400, 21.0320



77.3520, 1.1040, -20.0160



64.7710, -51.4840, -25.1160

Sweetspot

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



84.8540, -4.6800, 18.7440



143.2590, -1.9270, 7.3930



97.0820, -23.6580, -0.7620



70.4500, -1.1470, 4.2690



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



84.8540, -4.6800, 18.7440



100.8080, -7.0660, 28.9500



92.0300, 9.6240, 23.8320



56.2820, -0.7340, 2.2900



28.3030, -12.1130, 48.8390



57.1330, -24.2720, 98.5120

Inverse Universe

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



91.7720, 18.9780, 19.5060



111.3700, 29.3380, 29.9940



103.9700, -9.6240, -23.8320



57.2500, 2.2920, 2.5160



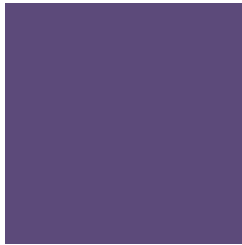
46.2670, 49.4620, 50.7580



93.3600, 99.4740, 102.5620

Previews

White Background



This preview shows how the YIQ color 84.8540, -4.6800, 18.7440 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



This preview shows how the YIQ color 84.8540, -4.6800, 18.7440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

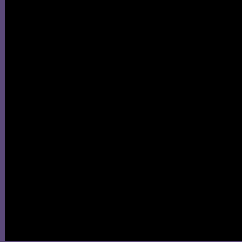
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.8540, -4.6800, 18.7440

Background



This preview shows how black text looks on a background with the YIQ color 84.8540, -4.6800, 18.7440.



This preview shows how white text looks on a background with the YIQ color 84.8540, -4.6800,

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

84.8540, -4.6800, 18.7440

Protanopia

81.8730, -24.0270, 11.4370

Deuteranopia

82.1460, -20.5420, 8.8500



Tritanopia

83.2930, 0.7330, 3.2370

Trichromacy



Original Color

84.8540, -4.6800, 18.7440

Protanomaly

82.5750, -17.1960, 14.2920

Deuteranomaly

83.1900, -14.6740, 12.6380

Tritanomaly

83.4980, -1.1020, 8.9620

Monochromacy



Original Color

84.8540, -4.6800, 18.7440

Achromatopsia

85.0000, -0.0000, 0.0000

Achromatomaly

85.0310, -1.2850, 6.7710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.8540, -4.6800, 18.7440 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(92, 74, 122)` looks like.

```
.text, #text, p{  
    color:rgb(92, 74, 122)  
}
```

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(92, 74, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 74, 122) }
```

Border

The CSS property to change the border of an element to YIQ 84.8540, -4.6800, 18.7440 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(92, 74, 122) }
```


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

```
.border{ border-color:rgb(92, 74, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 74, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 74, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 74, 122);  
box-shadow:4px 4px 4px 4px rgb(92, 74,  
122) }
```

Background

The CSS property to change the background color of an element to YIQ 84.8540, -4.6800, 18.7440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 74, 122) }
```

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

```
.background{ background-color: rgb(92, 74,  
122) }
```

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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