

Converting Colors

YIQ(83.2580, -0.1860, 14.3900)

Have a look what the booklet for
YIQ(83.2580, -0.1860, 14.3900)
contains.

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Color

**YIQ(83.2580, -0.1860,
14.3900)**

Conversions

Conversions Part 1

Format	Color
Hex	5C4A6C
RGB	92, 74, 108
RGB Percent	36%, 29%, 42%
CMY	0.6391, 0.7098, 0.5765
CMYK	0.15, 0.31, 0.00, 0.58
HSL	272°, 19%, 36%
HSV	272°, 31%, 42%
XYZ	9.5700, 8.2553, 15.2745
YIQ	83.2580, -0.1860, 14.3900

Conversions

Conversions Part 2

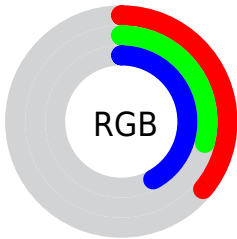
Format	Color
R_{YB}	92, 74, 108
Decimal	6048364
CIE _{Lab}	34.51, 14.90, -16.84
CIE _{LCh}	35, 22.481, 311.507
Yxy	8.2553, 0.2891, 0.2494
Android (android.graphics.Color)	4284238444 (0xFF5C4A6C)
YUV	83.2580, 12.1978, 7.6667
Hunter-Lab	28.7320, 9.1732, -11.4073

Details

The YIQ color $[83.2580, -0.1860, 14.3900]$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $[98.7420, 0.1860, -14.3900]$, and the grayscale version is $[83.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[133.1980, 0.0430, 15.7470]$, and $[37.9050, -0.6900, 12.5100]$ is the 20% darker color. If you saturate the color by 10%, you get $[75.3060, -0.1410, 19.0830]$, and if you desaturate by 10%, it is $[91.2100, -0.2310, 9.6970]$.

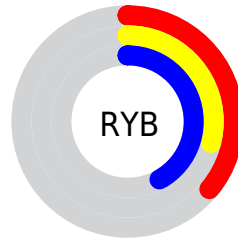
Distribution



Red (36%)

Green (29%)

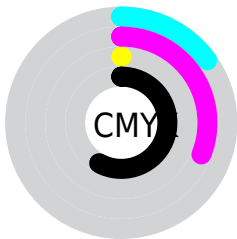
Blue (42%)



Red (36%)

Yellow (29%)

Blue (42%)

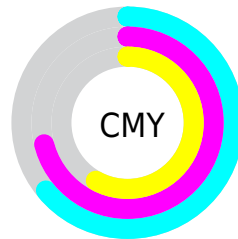


Cyan (15%)

Magenta (31%)

Yellow (0%)

Black (58%)



Cyan (64%)

Magenta (71%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 83.2580, -0.1860, 14.3900 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 83.2580, -0.1860, 14.3900 by changing the saturation by 10% instead.

83.2580, -0.1860,
14.3900

83.2580, -0.1860,
14.3900

255.0000, -0.0000,
-0.0000

59.8450, -0.4610,
13.8670

133.1980, 0.0430,
15.7470

37.9050, -0.6900,
12.5100

159.3120, -0.2780,
16.0580

16.0300, 0.4560,
13.7680

186.0240, 0.5930,
16.7930

2.5250, -5.7320,
4.7640

214.1380, 0.2720,
17.1040

0.0000, 0.0000,
0.0000

240.3140, 5.4080,
12.1280

■ 83.2580, -0.1860,
14.3900

■ 83.2580, -0.1860,
14.3900

■ 75.3060, -0.1410,
19.0830

■ 91.2100, -0.2310,
9.6970

■ 67.3540, -0.0960,
23.7760

■ 99.1620, -0.2760,
5.0040

■ 59.9890, -0.3260,
27.9460

■ 106.5270, -0.0460,
0.8340

■ 52.0370, -0.2810,
32.6390

■ 114.4790, -0.0910,
-3.8590

■ 44.0850, -0.2360,
37.3320

■ 122.4310, -0.1360,
-8.5520

■ 36.1330, -0.1910,
42.0250

■ 130.3830, -0.1810,
-13.2450

■ 29.3550, -0.6960,
45.6720

■ 138.6340, 0.3700,
-17.7260

■ 145.9990, 0.6000,

-21.8960

■ 153.9510, 0.5550,
-26.5890

Harmonies

Analogous

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



80.5050, -20.1750, 7.7050



83.2580, -0.1860, 14.3900



83.6960, 16.1360, 15.9440

Triad

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



83.2580, -0.1860, 14.3900



80.4680, 24.8050, -3.5070



68.5320, -43.1410, -16.6210

Complementary

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



83.2580, -0.1860, 14.3900



98.7420, 0.1860, -14.3900

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.



73.8520, -20.6750, -16.2830



83.2580, -0.1860, 14.3900



79.0920, 13.9400, -10.3480

Square

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



83.2580, -0.1860, 14.3900



81.4890, 29.4800, 5.3840



76.9590, -1.9230, -14.7150



65.5830, -56.3460, -14.0900

Rectangle

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



83.2580, -0.1860, 14.3900



82.9480, 24.1140, 14.5300



76.9590, -1.9230, -14.7150



70.7240, -34.9340, -16.6780

Sweetspot

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



83.2580, -0.1860, 14.3900



131.1620, -0.2760, 5.0040



87.2680, -15.3140, 2.2060



65.9940, 0.1370, 3.0250



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



83.2580, -0.1860, 14.3900



101.4140, -0.3250, 22.4190



87.9280, 9.6710, 17.4710



49.5810, -0.1380, 2.5020



31.8760, -0.6050, 49.5310



66.8000, -1.1650, 103.7550

Inverse Universe

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



85.9900, 15.1280, 12.1840



105.6970, 23.5630, 19.0110



94.0720, -9.6710, -17.4710



50.1360, 2.6130, 2.2050



41.2530, 52.0770, 41.9090



86.3650, 109.1050, 87.7050

Previews

White Background



This preview shows how the YIQ color 83.2580, -0.1860, 14.3900 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 83.2580, -0.1860, 14.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

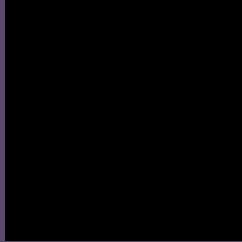
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 83.2580, -0.1860, 14.3900

Background



This preview shows how black text looks on a background with the YIQ color 83.2580, -0.1860, 14.3900.

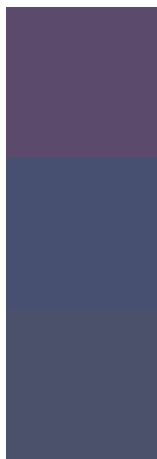


This preview shows how white text looks on a background with the YIQ color 83.2580, -0.1860,

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

83.2580, -0.1860, 14.3900

Protanopia

81.3700, -15.3610, 8.5670

Deuteranopia

81.5830, -11.6470, 7.3370



Tritanopia

82.3750, 3.4380, 3.7740

Trichromacy



Original Color

83.2580, -0.1860, 14.3900

Protanomaly

82.0610, -9.9970, 10.4750

Deuteranomaly

82.2030, -7.5210, 9.6550

Tritanomaly

82.4120, 2.0160, 7.5200

Monochromacy



Original Color

83.2580, -0.1860, 14.3900

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.1620, -0.2760, 5.0040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 83.2580, -0.1860, 14.3900 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(92, 74, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 74, 108) }
```

Border

The CSS property to change the border of an element to YIQ 83.2580, -0.1860, 14.3900 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, 108) }
```


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

```
.border{ border-color:rgb(92, 74, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(92, 74,  
108) }
```

Background

The CSS property to change the background color of an element to YIQ 83.2580, -0.1860, 14.3900 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, 108) }
```

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

```
.background{ background-color: rgb(92, 74,  
108) }
```

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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