

Converting Colors

YIQ(82.4830, 3.2540, 7.1100)

Have a look what the booklet for
YIQ(82.4830, 3.2540, 7.1100)
contains.

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Color

YIQ(82.4830, 3.2540, 7.1100)

Conversions

Conversions Part 1

Format	Color
Hex	5A4D5B
RGB	90, 77, 91
RGB Percent	35%, 30%, 36%
CMY	0.6470, 0.6981, 0.6431
CMYK	0.01, 0.15, 0.00, 0.64
HSL	296°, 8%, 33%
HSV	296°, 15%, 36%
XYZ	8.7593, 8.2365, 11.0258
YIQ	82.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

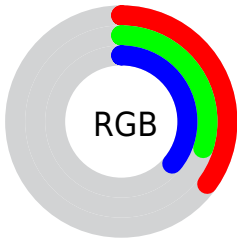
Format	Color
RYB	90, 77, 91
Decimal	5918043
CIELab	34.47, 8.30, -6.20
CIElCh	34, 10.362, 323.231
Yxy	8.2365, 0.3126, 0.2939
Android (android.graphics.Color)	4284108123 (0xFF5A4D5B)
YUV	82.4830, 4.1989, 6.5924
Hunter-Lab	28.6993, 4.2560, -2.6887




Details

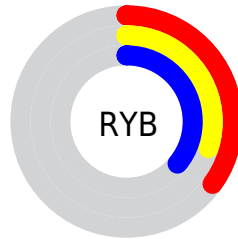
The YIQ color **82.4830, 3.2540, 7.1100** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.5170, -3.2540, -7.1100**, and the grayscale version is **82.0000, 0.0000, -0.0000**.




A 20% lighter version of the original color is **131.8960, 3.5290, 7.6330**, and **37.6570, 2.7040, 6.0640** is the 20% darker color. If you saturate the color by 10%, you get **76.9010, 5.1330, 11.6050**, and if you desaturate by 10%, it is **88.0650, 1.3750, 2.6150**.

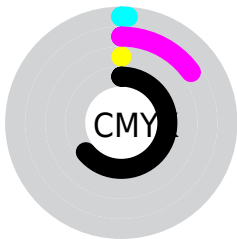
Distribution







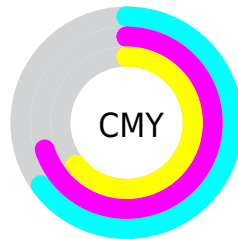
-  Red (35%)
-  Green (30%)
-  Blue (36%)






-  Red (35%)
-  Yellow (30%)
-  Blue (36%)



-  Cyan (1%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (65%)
-  Magenta (70%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.4830, 3.2540, 7.1100 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 82.4830, 3.2540, 7.1100 by changing the saturation by 10% instead.

■ 82.4830, 3.2540,
7.1100

■ 82.4830, 3.2540,
7.1100

■ 255.0000, -0.0000,
-0.0000

■ 59.4830, 3.2540,
7.1100

■ 131.8960, 3.5290,
7.6330

■ 37.6570, 2.7040,
6.0640

■ 158.1950, 4.1250,
7.8450

■ 15.8960, 3.5290,
7.6330

■ 185.3090, 3.8040,
8.1560

■ 0.0000, 0.0000,
0.0000

■ 212.7220, 4.0790,
8.6790

■ 240.7220, 4.0790,
8.6790

■ 82.4830, 3.2540,
7.1100

■ 82.4830, 3.2540,
7.1100

■ 76.9010, 5.1330,
11.6050

■ 88.0650, 1.3750,
2.6150

■ 71.6180, 7.6080,
16.3120

■ 93.3480, -1.1000,
-2.0920

■ 66.0360, 9.4870,
20.8070

■ 98.9300, -2.9790,
-6.5870

■ 60.4540, 11.3660,
25.3020

■ 104.5120, -4.8580,
-11.0820

■ 54.5840, 14.1160,
30.5320

■ 109.7950, -7.3330,
-15.7890

■ 49.0020, 15.9950,
35.0270

■ 115.9640, -9.4870,
-20.8070

■ 43.7190, 18.4700,
39.7340

■ 121.5460,
-11.3660, -25.3020

■ 38.1370, 20.3490,

■ 126.8290,

44.2290

-13.8410, -30.0090

■ 35.7890, 21.4490,
46.3210

■ 132.4110,
-15.7200, -34.5040

Harmonies

Analogous

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



81.8240, -5.1360, 4.9760



82.4830, 3.2540, 7.1100



82.1910, 9.9480, 6.9400

Triad

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



82.4830, 3.2540, 7.1100



80.9810, 10.1790, -2.7570



78.0410, -16.4130, -5.4130

Complementary

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



82.4830, 3.2540, 7.1100



85.5170, -3.2540, -7.1100

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.



78.3250, -11.4610, -7.0530



82.4830, 3.2540, 7.1100



80.4640, 4.2650, -5.7110

Square

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



82.4830, 3.2540, 7.1100



81.6550, 14.2130, 1.2290



79.2180, -3.8500, -7.3220



78.8500, -17.1930, -2.2890

Rectangle

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



82.4830, 3.2540, 7.1100



82.2190, 12.7450, 5.8090



79.2180, -3.8500, -7.3220



77.9980, -14.8540, -6.1340

Sweetspot

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



82.4830, 3.2540, 7.1100



113.4780, 1.6500, 3.1380



79.1830, -4.7690, 3.8310



56.3530, 0.5040, 1.8800



186.0000, -0.0000, -0.0000



59.0000, 0.0000, -0.0000

Same Dimension

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



82.4830, 3.2540, 7.1100



104.3740, 5.1790, 10.7710



82.0980, 5.7760, 5.4560



43.0650, 1.3750, 2.6150



43.0380, 25.4820, 55.8340



92.7980, 55.0430, 120.3470

Inverse Universe

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



81.3000, 8.0230, 3.2790



102.5070, 11.8740, 5.0740



85.9020, -5.7760, -5.4560



42.6090, 2.6590, 1.3710



33.8020, 62.9920, 25.8080



72.8010, 135.7950, 55.5310

Previews

White Background



This preview shows how the YIQ color 82.4830, 3.2540, 7.1100 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 82.4830, 3.2540, 7.1100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

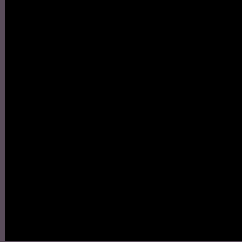
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.4830, 3.2540, 7.1100

Background



This preview shows how black text looks on a background with the YIQ color 82.4830, 3.2540, 7.1100.



This preview shows how white text looks on a background with the YIQ color 82.4830, 3.2540, 7.1100.

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

82.4830, 3.2540, 7.1100

Protanopia

81.7700, -5.0440, 3.3080

Deuteranopia

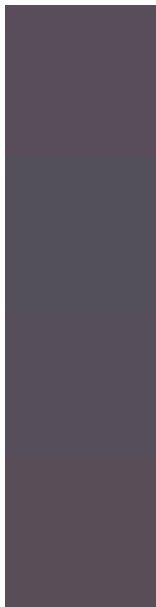
82.1620, -0.2760, 5.0040



Tritanopia

81.9730, 4.6300, 4.1980

Trichromacy



Original Color

82.4830, 3.2540, 7.1100

Protanomaly

82.2650, -2.0640, 4.3680

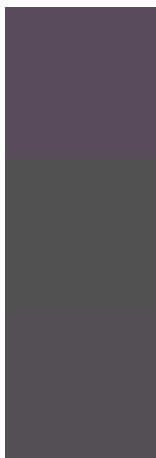
Deuteranomaly

82.1730, 1.1910, 5.9510

Tritanomaly

82.3150, 3.6670, 5.1310

Monochromacy



Original Color

82.4830, 3.2540, 7.1100

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

82.0650, 1.3750, 2.6150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.4830, 3.2540, 7.1100 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(90, 77, 91)` looks like.

```
.text, #text, p{  
    color:rgb(90, 77, 91)  
}
```

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(90, 77, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 77, 91) }
```

Border

The CSS property to change the border of an element to YIQ 82.4830, 3.2540, 7.1100 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(90, 77, 91) }
```

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

```
.border{ border-color:rgb(90, 77, 91) }
```

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

Here you see how a box with a 4 pixel rgb(90, 77, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 77, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 77, 91);  
box-shadow:4px 4px 4px 4px rgb(90, 77, 91)  
}
```


Background

The CSS property to change the background color of an element to YIQ 82.4830, 3.2540, 7.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 77, 91) }
```

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

```
.background{ background-color: rgb(90, 77,  
91) }
```

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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