

Converting Colors

YIQ(84.4940, 4.7210, 8.0570)

Have a look what the booklet for
YIQ(84.4940, 4.7210, 8.0570)
contains.

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Color

YIQ(84.4940, 4.7210, 8.0570)

Conversions

Conversions Part 1

Format	Color
Hex	5E4E5D
RGB	94, 78, 93
RGB Percent	37%, 31%, 36%
CMY	0.6313, 0.6941, 0.6353
CMYK	0.00, 0.17, 0.01, 0.63
HSL	304°, 9%, 34%
HSV	304°, 17%, 37%
XYZ	9.3171, 8.6185, 11.5288
YIQ	84.4940, 4.7210, 8.0570

Conversions

Conversions Part 2

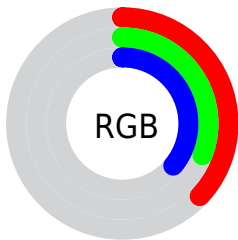
Format	Color
R_{YB}	94, 78, 93
Decimal	6180445
CIE Lab	35.24, 9.68, -6.27
CIE LCh	35, 11.539, 327.061
Yxy	8.6185, 0.3162, 0.2925
Android (android.graphics.Color)	4284370525 (0xFF5E4E5D)
YUV	84.4940, 4.1935, 8.3368
Hunter-Lab	29.3573, 5.2753, -2.7335

Details

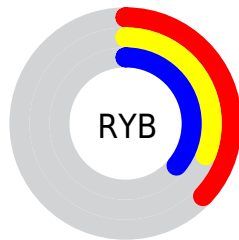
The YIQ color **84.4940, 4.7210, 8.0570** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **87.5060, -4.7210, -8.0570**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **133.9070, 4.9960, 8.5800**, and **39.6680, 4.1710, 7.0110** is the 20% darker color. If you saturate the color by 10%, you get **79.0970, 7.5170, 12.4530**, and if you desaturate by 10%, it is **89.8910, 1.9250, 3.6610**.

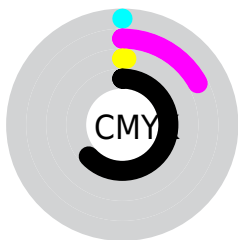
Distribution



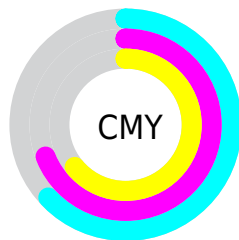
- Red (37%)
- Green (31%)
- Blue (36%)



- Red (37%)
- Yellow (31%)
- Blue (36%)



- Cyan (0%)
- Magenta (17%)
- Yellow (1%)
- Black (63%)



- Cyan (63%)
- Magenta (69%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.4940, 4.7210, 8.0570 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 84.4940, 4.7210, 8.0570 by changing the saturation by 10% instead.

■ 84.4940, 4.7210,
8.0570

■ 84.4940, 4.7210,
8.0570

■ 255.0000, -0.0000,
-0.0000

■ 61.0810, 4.4460,
7.5340

■ 133.9070, 4.9960,
8.5800

■ 39.6680, 4.1710,
7.0110

■ 160.3200, 5.2710,
9.1030

■ 18.0810, 4.4460,
7.5340

■ 187.3200, 5.2710,
9.1030

■ 0.0000, 0.0000,
0.0000

■ 214.7330, 5.5460,
9.6260

■ 243.7330, 5.5460,
9.6260

■ 84.4940, 4.7210,
8.0570

■ 84.4940, 4.7210,
8.0570

■ 79.0970, 7.5170,
12.4530

■ 89.8910, 1.9250,
3.6610

■ 73.2270, 10.2670,
17.6830

■ 95.7610, -0.8250,
-1.5690

■ 67.8300, 13.0630,
22.0790

■ 101.1580, -3.6210,
-5.9650

■ 61.9600, 15.8130,
27.3090

■ 107.0280, -6.3710,
-11.1950

■ 56.5630, 18.6090,
31.7050

■ 112.4250, -9.1670,
-15.5910

■ 51.1660, 21.4050,
36.1010

■ 117.8220,
-11.9630, -19.9870

■ 45.2960, 24.1550,
41.3310

■ 123.6920,
-14.7130, -25.2170

■ 39.8990, 26.9510,

■ 129.0890,

45.7270

-17.5090, -29.6130

■ 38.1380, 27.7760,
47.2960

■ 134.9590,
-20.2590, -34.8430

Harmonies

Analogous

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



83.6500, -4.5860, 6.0220



84.4940, 4.7210, 8.0570



84.3870, 12.3320, 7.7880

Triad

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



84.4940, 4.7210, 8.0570



82.7530, 10.8210, -3.3790



79.3720, -18.8430, -5.4270

Complementary

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



84.4940, 4.7210, 8.0570



87.5060, -4.7210, -8.0570

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.



79.5420, -13.5700, -7.3780



84.4940, 4.7210, 8.0570



81.6380, 3.7150, -6.7570

Square

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



84.4940, 4.7210, 8.0570



83.4270, 14.8550, 0.6070



80.3210, -5.6380, -7.9580



80.4800, -19.0270, -2.0910

Rectangle

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



84.4940, 4.7210, 8.0570



84.5890, 14.5790, 5.6110



80.3210, -5.6380, -7.9580



79.0300, -17.8800, -6.3600

Sweetspot

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



84.4940, 4.7210, 8.0570



118.4780, 1.6500, 3.1380



80.1230, -4.5400, 5.1880



59.2390, 0.8250, 1.5690



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



84.4940, 4.7210, 8.0570



107.7980, 6.9210, 12.2410



83.5820, 7.2890, 5.5690



43.0650, 1.3750, 2.6150



44.6320, 32.4970, 55.3530



96.1710, 69.9900, 119.2860

Inverse Universe

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



84.4940, 4.7210, 8.0570



107.7980, 6.9210, 12.2410



88.4180, -7.2890, -5.5690



43.0650, 1.3750, 2.6150



44.6320, 32.4970, 55.3530



96.1710, 69.9900, 119.2860

Previews

White Background



This preview shows how the YIQ color 84.4940, 4.7210, 8.0570 looks on a white background.

Color Contrast Check

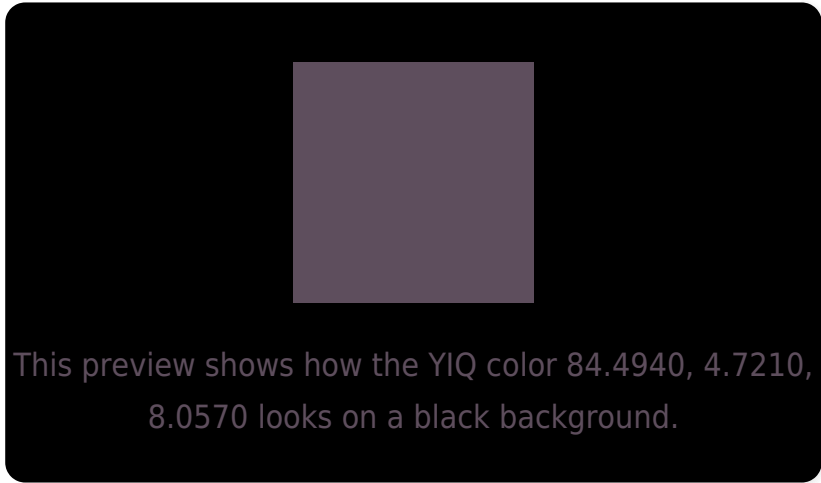
Large Text (above 18pt) WCAG AA ✓ Pass

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

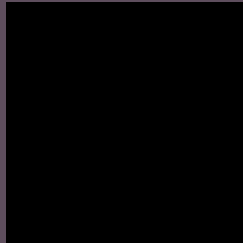
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.4940, 4.7210, 8.0570

Background



This preview shows how black text looks on a background with the YIQ color 84.4940, 4.7210, 8.0570.



This preview shows how white text looks on a background with the YIQ color 84.4940, 4.7210, 8.0570.

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

84.4940, 4.7210, 8.0570

Protanopia

83.2970, -5.0900, 4.1420

Deuteranopia

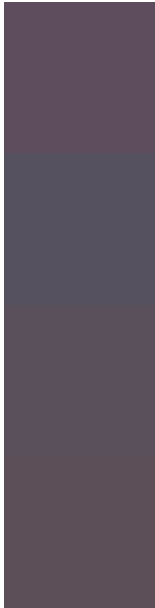
84.0480, 0.0450, 4.6930



Tritanopia

83.8700, 6.4180, 4.8340

Trichromacy



Original Color

84.4940, 4.7210, 8.0570

Protanomaly

84.0910, -1.5140, 5.4140

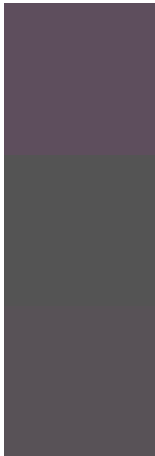
Deuteranomaly

84.3580, 2.1080, 5.8520

Tritanomaly

84.2120, 5.4550, 5.7670

Monochromacy



Original Color

84.4940, 4.7210, 8.0570

Achromatopsia

84.0000, -0.0000, -0.0000

Achromatomaly

84.3640, 1.9710, 2.8270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.4940, 4.7210, 8.0570 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(94, 78, 93)` looks like.

```
.text, #text, p{  
    color:rgb(94, 78, 93)  
}
```

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(94, 78, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 78, 93) }
```

Border

The CSS property to change the border of an element to YIQ 84.4940, 4.7210, 8.0570 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(94, 78, 93) }
```

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

```
.border{ border-color:rgb(94, 78, 93) }
```

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

Here you see how a box with a 4 pixel rgb(94, 78, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 78, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 78, 93);  
box-shadow:4px 4px 4px 4px rgb(94, 78, 93)  
}
```


Background

The CSS property to change the background color of an element to YIQ 84.4940, 4.7210, 8.0570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 78, 93) }
```

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

```
.background{ background-color: rgb(94, 78,  
93) }
```

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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