

Converting Colors

YIQ(94.8330, 7.8400, 1.0880)

Have a look what the booklet for
YIQ(94.8330, 7.8400, 1.0880)
contains.

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Color

YIQ(94.8330, 7.8400, 1.0880)

Conversions

Conversions Part 1

Format	Color
Hex	675C58
RGB	103, 92, 88
RGB Percent	40%, 36%, 35%
CMY	0.5961, 0.6392, 0.6549
CMYK	0.00, 0.11, 0.15, 0.60
HSL	16°, 8%, 37%
HSV	16°, 15%, 40%
XYZ	11.1828, 11.2421, 10.8150
YIQ	94.8330, 7.8400, 1.0880

Conversions

Conversions Part 2

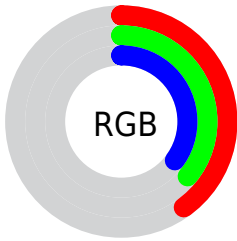
Format	Color
R _Y B	103, 93, 88
Decimal	6773848
CIE Lab	39.99, 3.69, 3.90
CIE LCh	40, 5.370, 46.625
Yxy	11.2421, 0.3364, 0.3382
Android (android.graphics.Color)	4284963928 (0xFF675C58)
YUV	94.8330, -3.3687, 7.1625
Hunter-Lab	33.5293, 0.8575, 4.3464

Details

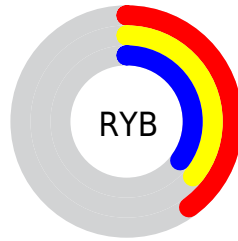
The YIQ color **94.8330, 7.8400, 1.0880** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **96.1670, -7.8400, -1.0880**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.1320, 8.4360, 1.3000**, and **48.6480, 6.9230, 1.1870** is the 20% darker color. If you saturate the color by 10%, you get **88.9970, 13.2500, 2.1620**, and if you desaturate by 10%, it is **100.6690, 2.4300, 0.0140**.

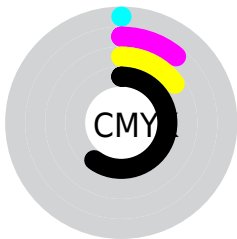
Distribution



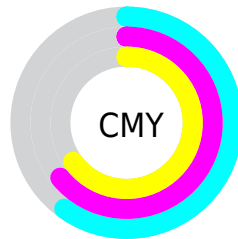
- Red (40%)
- Green (36%)
- Blue (35%)



- Red (40%)
- Yellow (36%)
- Blue (35%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (60%)



- Cyan (60%)
- Magenta (64%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8330, 7.8400, 1.0880 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 94.8330, 7.8400, 1.0880 by changing the saturation by 10% instead.

■ 94.8330, 7.8400,
1.0880

■ 94.8330, 7.8400,
1.0880

■ 255.0000, -0.0000,
-0.0000

■ 70.9470, 7.5190,
1.3990

■ 145.1320, 8.4360,
1.3000

■ 48.6480, 6.9230,
1.1870

■ 172.0180, 8.7570,
0.9890

■ 27.9360, 6.0520,
0.4520

■ 199.3170, 9.3530,
1.2010

■ 2.6910, 5.3640,
1.9080

■ 227.3170, 9.3530,
1.2010

■ 0.0000, 0.0000,
0.0000

■ 252.4410, 3.0720,
-0.6080

■ 94.8330, 7.8400,
1.0880

■ 94.8330, 7.8400,
1.0880

■ 88.9970, 13.2500,
2.1620

■ 100.6690, 2.4300,
0.0140

■ 83.6340, 18.7060,
2.4020

■ 106.0320, -3.0260,
-0.2260

■ 77.7980, 24.1160,
3.4760

■ 111.8680, -8.4360,
-1.3000

■ 72.5490, 29.2510,
4.0270

■ 117.1170,
-13.5710, -1.8510

■ 66.7130, 34.6610,
5.1010

■ 123.0670,
-19.3020, -2.6140

■ 61.3500, 40.1170,
5.3410

■ 128.3160,
-24.4370, -3.1650

■ 55.5140, 45.5270,
6.4150

■ 134.1520,
-29.8470, -4.2390

■ 50.2650, 50.6620,

■ 139.4010,

6.9660

-34.9820, -4.7900

■ 46.6460, 53.9630,
7.7150

■ 145.3510,
-40.7130, -5.5530

Harmonies

Analogous

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



95.0010, 7.4270, 3.0670



94.8330, 7.8400, 1.0880



94.2950, 6.4190, -0.6930

Triad

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



94.8330, 7.8400, 1.0880



93.1410, -4.9510, -3.8870



94.7270, -3.4850, 2.5870

Complementary

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



94.8330, 7.8400, 1.0880



96.1670, -7.8400, -1.0880

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.



93.8190, -6.7400, 1.0040



94.8330, 7.8400, 1.0880



93.1130, -7.7480, -2.7560

Square

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



94.8330, 7.8400, 1.0880



93.2940, -1.0080, -3.7600



92.8680, -8.4360, -1.3000



94.7060, 1.0080, 3.7600

Rectangle

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



94.8330, 7.8400, 1.0880



93.9850, 4.3560, -1.8520



92.8680, -8.4360, -1.3000



94.1290, -4.6770, 2.1630

Sweetspot

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



94.8330, 7.8400, 1.0880



132.0820, 2.7050, 0.5370



93.7390, 5.4090, 6.6010



66.7830, 2.1090, 0.3250



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



94.8330, 7.8400, 1.0880



122.3990, 12.0580, 1.7380



98.9420, 5.9150, -2.5730



48.0820, 2.7050, 0.5370



52.5820, 60.0150, 8.1670



109.9260, 126.6320, 17.8320

Inverse Universe

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



96.1670, -7.8400, -1.0880



124.6010, -12.0580, -1.7380



92.0580, -5.9150, 2.5730



48.9180, -2.7050, -0.5370



62.4180, -60.0150, -8.1670



132.0740, -126.6320, -17.8320

Previews

White Background



This preview shows how the YIQ color 94.8330, 7.8400, 1.0880 looks on a white background.

Color Contrast Check

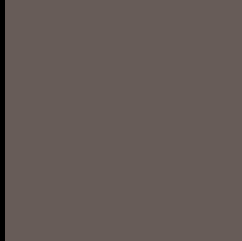
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.8330, 7.8400, 1.0880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

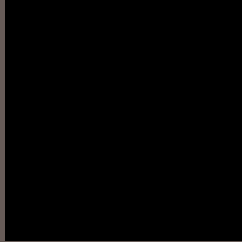
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.8330, 7.8400, 1.0880

Background



This preview shows how black text looks on a background with the YIQ color 94.8330, 7.8400, 1.0880.



This preview shows how white text looks on a background with the YIQ color 94.8330, 7.8400, 1.0880.

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

94.8330, 7.8400, 1.0880

Protanopia

94.3270, 3.3930, -0.9190

Deuteranopia

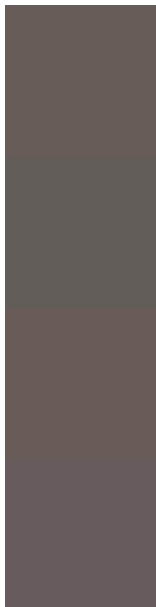
95.1430, 9.9030, 2.2470



Tritanopia

95.6850, 5.5010, 4.9330

Trichromacy



Original Color

94.8330, 7.8400, 1.0880

Protanomaly

94.3380, 4.8600, 0.0280

Deuteranomaly

94.8440, 9.3070, 2.0350

Tritanomaly

95.2290, 6.7850, 3.6890

Monochromacy



Original Color

94.8330, 7.8400, 1.0880

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

94.9680, 3.0260, 0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8330, 7.8400, 1.0880 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(103, 92, 88)` looks like.

```
.text, #text, p{  
    color:rgb(103, 92, 88)  
}
```

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(103, 92, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 92, 88) }
```

Border

The CSS property to change the border of an element to YIQ 94.8330, 7.8400, 1.0880 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(103, 92, 88) }
```

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

```
.border{ border-color:rgb(103, 92, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 92, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 92, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 92, 88);  
box-shadow:4px 4px 4px 4px rgb(103, 92,  
88) }
```


Background

The CSS property to change the background color of an element to YIQ 94.8330, 7.8400, 1.0880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 92, 88) }
```

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

```
.background{ background-color: rgb(103, 92,  
88) }
```

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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