

Converting Colors

YIQ(94.8940, 15.0380, 2.7980)

Have a look what the booklet for
YIQ(94.8940, 15.0380, 2.7980)
contains.

YIQ(94.8940, 15.0380, 2.7980)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(94.8940, 15.0380,
2.7980)**

Conversions

Conversions Part 1

Format	Color
Hex	6F5953
RGB	111, 89, 83
RGB Percent	44%, 35%, 33%
CMY	0.5647, 0.6510, 0.6744
CMYK	0.00, 0.20, 0.25, 0.56
HSL	13°, 14%, 38%
HSV	13°, 25%, 44%
XYZ	11.6907, 11.1483, 9.7226
YIQ	94.8940, 15.0380, 2.7980

Conversions

Conversions Part 2

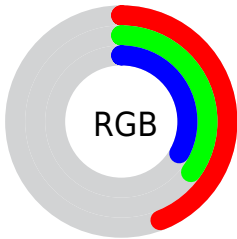
Format	Color
R_{YB}	111, 91, 83
Decimal	7297363
CIE _{Lab}	39.83, 8.02, 6.86
CIE _{LCh}	40, 10.553, 40.574
Yxy	11.1483, 0.3590, 0.3424
Android (android.graphics.Color)	4285487443 (0xFF6F5953)
YUV	94.8940, -5.8637, 14.1250
Hunter-Lab	33.3891, 4.0681, 6.1076

Details

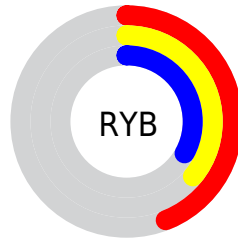
The YIQ color **94.8940, 15.0380, 2.7980** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **99.1060, -15.0380, -2.7980**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **145.3780, 16.5510, 2.9110**, and **48.4100, 13.5250, 2.6850** is the 20% darker color. If you saturate the color by 10%, you get **88.3570, 21.0440, 4.0840**, and if you desaturate by 10%, it is **101.4310, 9.0320, 1.5120**.

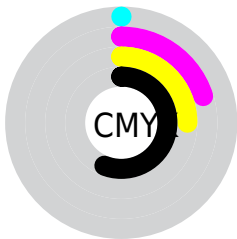
Distribution



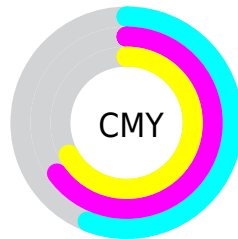
- Red (44%)
- Green (35%)
- Blue (33%)



- Red (44%)
- Yellow (36%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.8940, 15.0380, 2.7980 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 94.8940, 15.0380, 2.7980 by changing the saturation by 10% instead.

■ 94.8940, 15.0380,
2.7980

■ 94.8940, 15.0380,
2.7980

■ 255.0000, -0.0000,
-0.0000

■ 71.2960, 13.8460,
2.3740

■ 145.3780, 16.5510,
2.9110

■ 48.4100, 13.5250,
2.6850

■ 171.7910, 16.8260,
3.4340

■ 27.5130, 11.7370,
2.0490

■ 198.9760, 17.7430,
3.3350

■ 5.0830, 10.1320,
3.6040

■ 227.2750, 18.3390,
3.5470

■ 0.0000, 0.0000,
0.0000

■ 249.9960, 5.8230,
-0.9050

■ 94.8940, 15.0380,
2.7980

■ 94.8940, 15.0380,
2.7980

■ 88.3570, 21.0440,
4.0840

■ 101.4310, 9.0320,
1.5120

■ 82.4070, 26.7750,
4.8470

■ 107.3810, 3.3010,
0.7490

■ 75.8700, 32.7810,
6.1330

■ 113.9180, -2.7050,
-0.5370

■ 69.3330, 38.7870,
7.4190

■ 120.4550, -8.7110,
-1.8230

■ 62.7960, 44.7930,
8.7050

■ 127.1060,
-15.0380, -2.7980

■ 56.7320, 50.8450,
9.1570

■ 133.0560,
-20.7690, -3.5610

■ 50.1950, 56.8510,
10.4430

■ 139.5930,
-26.7750, -4.8470

■ 47.2770, 59.5560,

■ 146.1300,

10.9800

-32.7810, -6.1330

■ 152.6670,
-38.7870, -7.4190

Harmonies

Analogous

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



95.5180, 13.3410, 6.0210



94.8940, 15.0380, 2.7980



94.0030, 13.1130, -0.8630

Triad

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



94.8940, 15.0380, 2.7980



90.8800, -8.7100, -7.3500



94.1440, -9.0330, 4.0150

Complementary

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



94.8940, 15.0380, 2.7980



99.1060, -15.0380, -2.7980

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.



92.2140, -15.2220, 0.5380



94.8940, 15.0380, 2.7980



90.6990, -15.4500, -6.3460

Square

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



94.8940, 15.0380, 2.7980



92.4850, -0.2280, -6.8840



91.0240, -17.7430, -3.3350



95.2160, -0.3680, 6.6720

Rectangle

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



94.8940, 15.0380, 2.7980



93.5680, 9.9040, -3.2800



91.0240, -17.7430, -3.3350



93.8340, -11.0960, 2.8560

Sweetspot

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



94.8940, 15.0380, 2.7980



138.4630, 6.0060, 1.2860



93.8800, 9.6260, 12.7780



69.6800, 3.8970, 0.9610



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



94.8940, 15.0380, 2.7980



120.1400, 23.1530, 4.4090



103.1120, 11.1880, -4.5240



52.9680, 3.0260, 0.2260



51.1420, 64.3700, 11.8420



104.9640, 132.6370, 24.6450

Inverse Universe

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



99.1060, -15.0380, -2.7980



126.8600, -23.1530, -4.4090



90.8880, -11.1880, 4.5240



53.6190, -3.3010, -0.7490



68.8580, -64.3700, -11.8420



142.6230, -132.9120, -25.1680

Previews

White Background



This preview shows how the YIQ color 94.8940, 15.0380, 2.7980 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 94.8940, 15.0380, 2.7980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

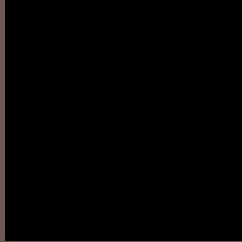
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.8940, 15.0380, 2.7980

Background



This preview shows how black text looks on a background with the YIQ color 94.8940, 15.0380, 2.7980.



This preview shows how white text looks on a background with the YIQ color 94.8940, 15.0380,

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

94.8940, 15.0380, 2.7980

Protanopia

94.1700, 5.2730, -1.9510

Deuteranopia

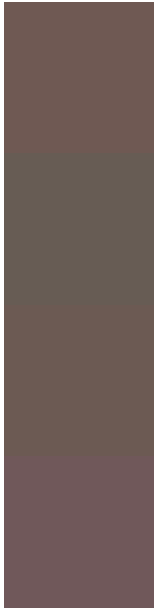
94.8720, 12.1040, 0.9040



Tritanopia

95.2730, 12.6530, 7.4770

Trichromacy



Original Color

94.8940, 15.0380, 2.7980

Protanomaly

94.3770, 9.1240, -0.1560

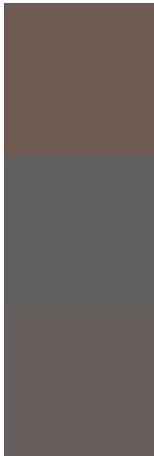
Deuteranomaly

94.5840, 12.9750, 1.6390

Tritanomaly

95.4040, 13.6620, 5.7100

Monochromacy



Original Color

94.8940, 15.0380, 2.7980

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1640, 5.4100, 1.0740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.8940, 15.0380, 2.7980 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(111, 89, 83)` looks like.

```
.text, #text, p{  
    color:rgb(111, 89, 83)  
}
```

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(111, 89, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 89, 83) }
```

Border

The CSS property to change the border of an element to YIQ 94.8940, 15.0380, 2.7980 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(111, 89, 83) }
```


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

```
.border{ border-color:rgb(111, 89, 83) }
```

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

Here you see how a box with a 4 pixel rgb(111, 89, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 89, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 89, 83);  
box-shadow:4px 4px 4px 4px rgb(111, 89,  
83) }
```

Background

The CSS property to change the background color of an element to YIQ 94.8940, 15.0380, 2.7980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 89, 83) }
```

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

```
.background{ background-color: rgb(111, 89,  
83) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor