

Converting Colors

YIQ(94.2300, 5.0440, -3.3080)

Have a look what the booklet for
YIQ(94.2300, 5.0440, -3.3080)
contains.

YIQ(94.2300, 5.0440, -3.3080)	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(94.2300, 5.0440,
-3.3080)**

Conversions

Conversions Part 1

Format	Color
Hex	615F53
RGB	97, 95, 83
RGB Percent	38%, 37%, 33%
CMY	0.6196, 0.6274, 0.6745
CMYK	0.00, 0.02, 0.14, 0.62
HSL	51°, 8%, 35%
HSV	51°, 14%, 38%
XYZ	10.5834, 11.3503, 9.8181
YIQ	94.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

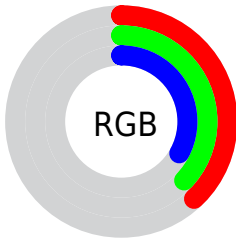
Format	Color
R_{YB}	85, 97, 83
Decimal	6381395
CIE Lab	40.16, -1.54, 7.15
CIE LCh	40, 7.314, 102.159
Yxy	11.3503, 0.3333, 0.3575
Android (android.graphics.Color)	4284571475 (0xFF615F53)
YUV	94.2300, -5.5364, 2.4293
Hunter-Lab	33.6901, -2.8836, 6.3045

Details

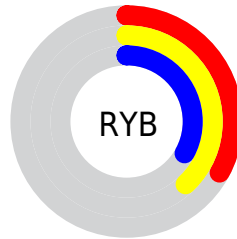
The YIQ color **94.2300, 5.0440, -3.3080** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.7700, -5.0440, 3.3080**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.4150, 5.9610, -3.4070**, and **48.3440, 4.7230, -2.9970** is the 20% darker color. If you saturate the color by 10%, you get **92.5030, 8.5290, -5.8950**, and if you desaturate by 10%, it is **95.9570, 1.5590, -0.7210**.

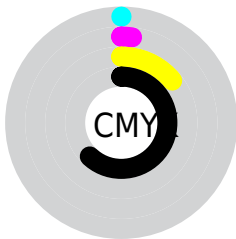
Distribution



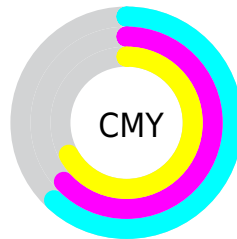
- Red (38%)
- Green (37%)
- Blue (33%)



- Red (33%)
- Yellow (38%)
- Blue (33%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (62%)



- Cyan (62%)
- Magenta (63%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.2300, 5.0440, -3.3080 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 94.2300, 5.0440, -3.3080 by changing the saturation by 10% instead.

■ 94.2300, 5.0440,
-3.3080

■ 94.2300, 5.0440,
-3.3080

■ 255.0000, -0.0000,
-0.0000

■ 70.3440, 4.7230,
-2.9970

■ 144.4150, 5.9610,
-3.4070

■ 48.3440, 4.7230,
-2.9970

■ 171.1160, 5.3650,
-3.6190

■ 27.4580, 4.4020,
-2.6860

■ 198.3010, 6.2820,
-3.7180

■ 0.5870, -0.2750,
-0.5230

■ 226.3010, 6.2820,
-3.7180

■ 0.0000, 0.0000,
0.0000

■ 253.5180, 4.1730,
-4.0430

■ 94.2300, 5.0440,
-3.3080

■ 94.2300, 5.0440,
-3.3080

■ 92.5030, 8.5290,
-5.8950

■ 95.9570, 1.5590,
-0.7210

■ 90.3030, 11.9680,
-7.6480

■ 98.1570, -1.8800,
1.0320

■ 88.5760, 15.4530,
-10.2350

■ 99.8840, -5.3650,
3.6190

■ 86.2620, 19.2130,
-12.2990

■ 102.1980, -9.1250,
5.6830

■ 84.6490, 22.3770,
-14.5750

■ 103.9250,
-12.6100, 8.2700

■ 82.9220, 25.8620,
-17.1620

■ 105.5380,
-15.7740, 10.5460

■ 80.6080, 29.6220,
-19.2260

■ 107.8520,
-19.5340, 12.6100

■ 78.8810, 33.1070,

■ 109.5790,

-21.8130

-23.0190, 15.1970

■ 77.7240, 34.9870,
-22.8450

■ 111.1920,
-26.1830, 17.4730

Harmonies

Analogous

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



94.8500, 9.1700, -0.9900



94.2300, 5.0440, -3.3080



93.6530, -0.6410, -4.9050

Triad

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



94.2300, 5.0440, -3.3080



93.0740, -12.0120, -2.5720



95.9840, 6.0970, 5.1450

Complementary

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



94.2300, 5.0440, -3.3080



85.7700, -5.0440, 3.3080

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.



95.4610, 0.3200, 5.2160



94.2300, 5.0440, -3.3080



93.5520, -10.3620, 0.5660

Square

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



94.2300, 5.0440, -3.3080



92.5040, -10.4070, -4.1270



94.4710, -5.6400, 3.0960



95.8980, 9.2150, 3.7030

Rectangle

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



94.2300, 5.0440, -3.3080



93.3860, -4.2630, -5.3430



94.4710, -5.6400, 3.0960



95.6140, 4.2630, 5.3430

Sweetspot

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



94.2300, 5.0440, -3.3080



123.8430, 1.8800, -1.0320



87.4140, 7.7020, 3.5900



63.0710, 1.2380, -0.4100



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



94.2300, 5.0440, -3.3080



120.8450, 7.5660, -4.9620



93.9090, 1.5140, -5.4140



47.5440, 1.2840, -1.2440



89.8400, 40.3520, -26.4640



192.0950, 86.6650, -56.3350

Inverse Universe

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



85.7700, -5.0440, 3.3080



108.1550, -7.5660, 4.9620



86.0910, -1.5140, 5.4140



44.4560, -1.2840, 1.2440



22.1600, -40.3520, 26.4640



47.3180, -86.3900, 56.8580

Previews

White Background



This preview shows how the YIQ color 94.2300, 5.0440, -3.3080 looks on a white background.

Color Contrast Check

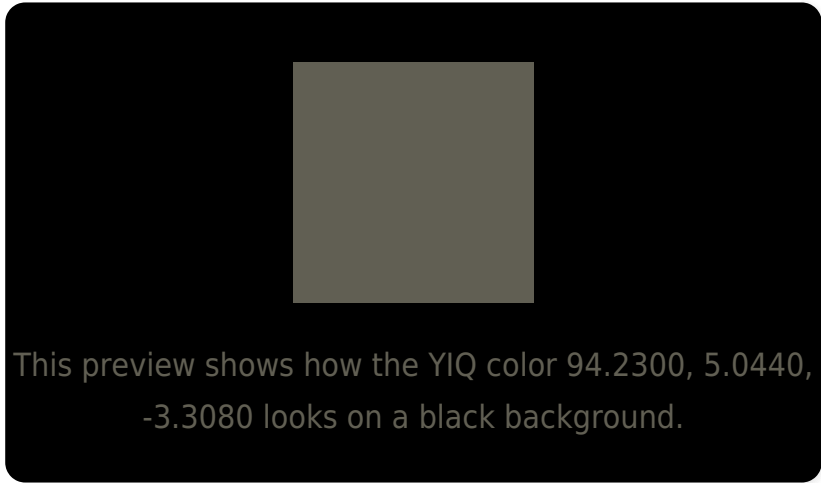
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

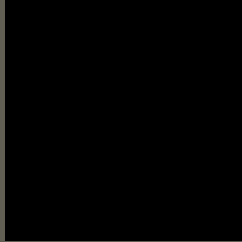
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.2300, 5.0440, -3.3080

Background



This preview shows how black text looks on a background with the YIQ color 94.2300, 5.0440, -3.3080.



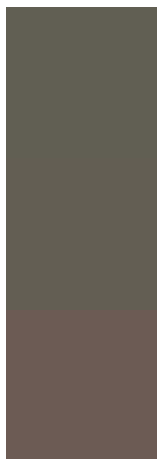
This preview shows how white text looks on a background with the YIQ color 94.2300, 5.0440,

-3.3080.

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

94.2300, 5.0440, -3.3080

Protanopia

94.2410, 6.5110, -2.3610

Deuteranopia

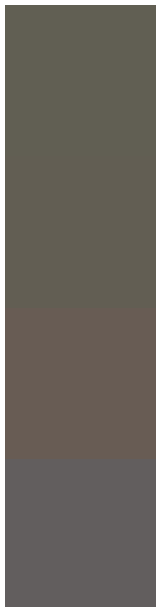
95.2850, 12.3790, 1.4270



Tritanopia

95.5920, 1.3290, 3.4490

Trichromacy



Original Color

94.2300, 5.0440, -3.3080

Protanomaly

93.9420, 5.9150, -2.5730

Deuteranomaly

94.6760, 9.7200, 0.0560

Tritanomaly

95.1960, 2.3840, 0.8480

Monochromacy



Original Color

94.2300, 5.0440, -3.3080

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8430, 1.8800, -1.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.2300, 5.0440, -3.3080 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(97, 95, 83)` looks like.

```
.text, #text, p{  
    color:rgb(97, 95, 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(97, 95, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 95, 83) }
```

Border

The CSS property to change the border of an element to YIQ 94.2300, 5.0440, -3.3080 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(97, 95, 83) }
```


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

```
.border{ border-color:rgb(97, 95, 83) }
```

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

Here you see how a box with a 4 pixel rgb(97, 95, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 95, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 95, 83);  
box-shadow:4px 4px 4px 4px rgb(97, 95, 83)  
}
```

Background

The CSS property to change the background color of an element to YIQ 94.2300, 5.0440, -3.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 95, 83) }
```

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

```
.background{ background-color: rgb(97, 95,  
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