

Converting Colors

YIQ(94.5040, -1.2390, 5.9370)

Have a look what the booklet for
YIQ(94.5040, -1.2390, 5.9370)
contains.

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Color

**YIQ(94.5040, -1.2390,
5.9370)**

Conversions

Conversions Part 1

Format	Color
Hex	615B6A
RGB	97, 91, 106
RGB Percent	38%, 36%, 42%
CMY	0.6196, 0.6431, 0.5843
CMYK	0.08, 0.14, 0.00, 0.58
HSL	264°, 8%, 39%
HSV	264°, 14%, 42%
XYZ	11.2726, 11.0640, 15.1760
YIQ	94.5040, -1.2390, 5.9370

Conversions

Conversions Part 2

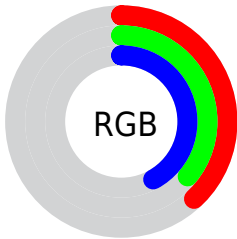
Format	Color
RYB	97, 91, 106
Decimal	6380394
CIELab	39.69, 5.62, -7.68
CIELCh	40, 9.521, 306.206
Yxy	11.0640, 0.3005, 0.2949
Android (android.graphics.Color)	4284570474 (0xFF615B6A)
YUV	94.5040, 5.6675, 2.1890
Hunter-Lab	33.2626, 2.2836, -3.7671

Details

The YIQ color **94.5040, -1.2390, 5.9370** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **102.4960, 1.2390, -5.9370**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9170, -0.9640, 6.4600**, and **48.3900, -0.9180, 5.6260** is the 20% darker color. If you saturate the color by 10%, you get **86.2530, -1.7900, 10.4180**, and if you desaturate by 10%, it is **102.7550, -0.6880, 1.4560**.

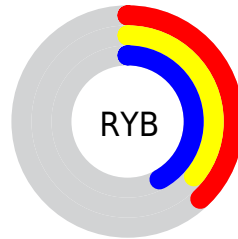
Distribution



Red (38%)

Green (36%)

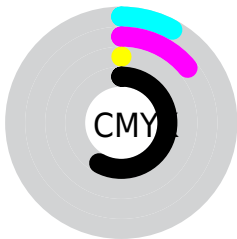
Blue (42%)



Red (38%)

Yellow (36%)

Blue (42%)

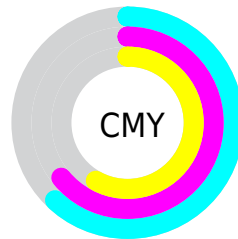


Cyan (8%)

Magenta (14%)

Yellow (0%)

Black (58%)



Cyan (62%)

Magenta (64%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 94.5040, -1.2390, 5.9370 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 94.5040, -1.2390, 5.9370 by changing the saturation by 10% instead.

■ 94.5040, -1.2390,
5.9370

■ 94.5040, -1.2390,
5.9370

■ 255.0000, -0.0000,
-0.0000

■ 71.0910, -1.5140,
5.4140

■ 144.9170, -0.9640,
6.4600

■ 48.3900, -0.9180,
5.6260

■ 171.0310, -1.2850,
6.7710

■ 27.5640, -1.4680,
4.5800

■ 199.0310, -1.2850,
6.7710

■ 2.7210, -3.3480,
5.6120

■ 227.0310, -1.2850,
6.7710

■ 0.0000, 0.0000,
0.0000

■ 252.6520, 1.1000,
2.0920

■ 94.5040, -1.2390,
5.9370

■ 94.5040, -1.2390,
5.9370

■ 86.2530, -1.7900,
10.4180

■ 102.7550, -0.6880,
1.4560

■ 78.2900, -3.2120,
14.1640

■ 110.7180, 0.7340,
-2.2900

■ 70.0390, -3.7630,
18.6450

■ 118.9690, 1.2850,
-6.7710

■ 62.3750, -4.5890,
22.6030

■ 126.6330, 2.1110,
-10.7290

■ 53.8250, -5.7360,
26.8720

■ 135.1830, 3.2580,
-14.9980

■ 45.5740, -6.2870,
31.3530

■ 143.4340, 3.8090,
-19.4790

■ 37.9100, -7.1130,
35.3110

■ 151.0980, 4.6350,
-23.4370

■ 29.3600, -8.2600,

■ 159.6480, 5.7820,

39.5800

-27.7060

■ 24.6420, -8.9940,
41.8700

■ 167.3120, 6.6080,
-31.6640

Harmonies

Analogous

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



93.6170, -8.9870, 3.1810



94.5040, -1.2390, 5.9370



95.0380, 6.0050, 6.8130

Triad

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



94.5040, -1.2390, 5.9370



93.9320, 11.8750, -0.4530



90.7810, -12.7450, -5.8090

Complementary

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



94.5040, -1.2390, 5.9370



102.4960, 1.2390, -5.9370

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.



91.0760, -6.3260, -6.5020



94.5040, -1.2390, 5.9370



92.7850, 7.7950, -3.6050

Square

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



94.5040, -1.2390, 5.9370



94.5240, 13.2040, 2.9960



92.1970, 0.6430, -6.1490



91.2800, -15.5880, -3.8440

Rectangle

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



94.5040, -1.2390, 5.9370



95.0770, 10.2690, 6.6290



92.1970, 0.6430, -6.1490



90.7380, -11.1860, -6.5300

Sweetspot

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



94.5040, -1.2390, 5.9370



133.2820, -0.7340, 2.2900



97.9930, -7.2900, -0.0420



66.0540, -0.0920, 1.6680



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.



94.5040, -1.2390, 5.9370



119.7260, -1.7440, 9.5840



96.5970, 2.9330, 7.4210



49.2820, -0.7340, 2.2900



27.3910, -9.5450, 46.3510



57.2320, -20.2370, 96.9710

Inverse Universe

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



96.5110, 6.0510, 5.9790



122.7720, 9.8100, 9.4420



100.1040, -3.5290, -7.6330



50.1360, 2.6130, 2.2050



42.9630, 47.2620, 46.5740



90.0130, 98.8330, 97.6570

Previews

White Background



This preview shows how the YIQ color 94.5040, -1.2390, 5.9370 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 94.5040, -1.2390, 5.9370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

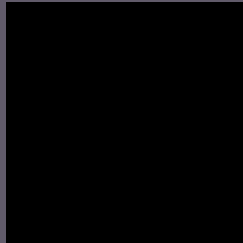
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 94.5040, -1.2390, 5.9370

Background



This preview shows how black text looks on a background with the YIQ color 94.5040, -1.2390, 5.9370.



This preview shows how white text looks on a background with the YIQ color 94.5040, -1.2390,

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

94.5040, -1.2390, 5.9370

Protanopia

93.9980, -5.6860, 3.9300

Deuteranopia

94.5040, -1.2390, 5.9370



Tritanopia

93.9940, 0.1370, 3.0250

Trichromacy



Original Color

94.5040, -1.2390, 5.9370

Protanomaly

94.0090, -4.2190, 4.8770

Deuteranomaly

94.5040, -1.2390, 5.9370

Tritanomaly

94.3360, -0.8260, 3.9580

Monochromacy



Original Color

94.5040, -1.2390, 5.9370

Achromatopsia

95.0000, -0.0000, -0.0000

Achromatomaly

95.1680, -0.4130, 1.9790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 94.5040, -1.2390, 5.9370 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, 91, 106)` looks like.

```
.text, #text, p{  
    color:rgb(97, 91, 106)  
}
```

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, 91, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 91, 106) }
```

Border

The CSS property to change the border of an element to YIQ 94.5040, -1.2390, 5.9370 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, 91, 106) }
```


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

```
.border{ border-color:rgb(97, 91, 106) }
```

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

Here you see how a box with a 4 pixel rgb(97, 91, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 91, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 91, 106);  
box-shadow:4px 4px 4px 4px rgb(97, 91,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 94.5040, -1.2390, 5.9370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 91, 106) }
```

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

```
.background{ background-color: rgb(97, 91,  
106) }
```

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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