

Converting Colors

YIQ(119.0570, 39.3840, 2.1040)

Have a look what the booklet for
YIQ(119.0570, 39.3840, 2.1040)
contains.

YIQ(119.0570, 39.3840, 2.1040)	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(119.0570, 39.3840,
2.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6B4F
RGB	158, 107, 79
RGB Percent	62%, 42%, 31%
CMY	0.3803, 0.5805, 0.6900
CMYK	0.00, 0.32, 0.50, 0.38
HSL	21°, 33%, 46%
HSV	21°, 50%, 62%
XYZ	20.7742, 18.3479, 9.8524
YIQ	119.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

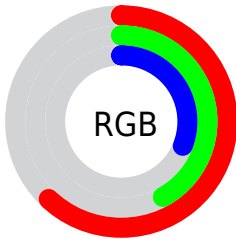
Format	Color
RYB	158, 122, 79
Decimal	10382159
CIELab	49.92, 17.07, 23.86
CIELCh	50, 29.333, 54.423
Yxy	18.3479, 0.4242, 0.3746
Android (android.graphics.Color)	4288572239 (0xFF9E6B4F)
YUV	119.0570, -19.7481, 34.1530
Hunter-Lab	42.8344, 11.6100, 16.3467

Details

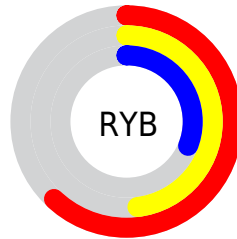
The YIQ color **119.0570, 39.3840, 2.1040** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **117.9430, -39.3840, -2.1040**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2100, 43.3270, 2.2310**, and **69.6050, 34.8450, 1.7650** is the 20% darker color. If you saturate the color by 10%, you get **111.3630, 47.2700, 2.3580**, and if you desaturate by 10%, it is **126.7510, 31.4980, 1.8500**.

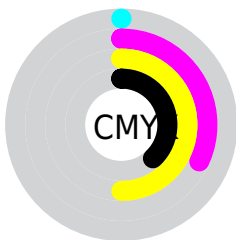
Distribution



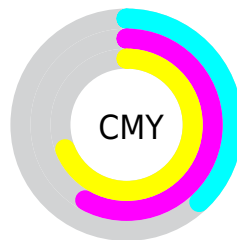
- Red (62%)
- Green (42%)
- Blue (31%)



- Red (62%)
- Yellow (48%)
- Blue (31%)



- Cyan (0%)
- Magenta (32%)
- Yellow (50%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0570, 39.3840, 2.1040 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 119.0570, 39.3840, 2.1040 by changing the saturation by 10% instead.


 119.0570, 39.3840,
2.1040


 119.0570, 39.3840,
2.1040


255.0000, -0.0000,
-0.0000


 94.2740, 37.2750,
1.7790


 172.3240, 43.0060,
2.5420


 69.6050, 34.8450,
1.7650


 199.8080, 44.5190,
2.6550


 46.4090, 32.4610,
0.9170

 222.0240, 34.9830,
-0.7370

 25.2390, 27.1880,
2.8680

 242.1250, 18.3410,
-7.5070

 9.0840, 17.5590,
6.6710

 253.0620, 5.4570,
-5.2870

 0.0000, 0.0000,
0.0000

■ 119.0570, 39.3840,
2.1040

■ 119.0570, 39.3840,
2.1040

■ 111.3630, 47.2700,
2.3580

■ 126.7510, 31.4980,
1.8500

■ 103.6690, 55.1560,
2.6120

■ 134.4450, 23.6120,
1.5960

■ 95.5020, 62.9960,
3.7000

■ 142.6120, 15.7720,
0.5080

■ 87.8080, 70.8820,
3.9540

■ 150.3060, 7.8860,
0.2540

■ 80.1140, 78.7680,
4.2080

■ 158.0000, -0.0000,
0.0000

■ 165.6940, -7.8860,
-0.2540

■ 173.3880,
-15.7720, -0.5080

■ 181.5550,

-23.6120, -1.5960

■ 189.2490,
-31.4980, -1.8500

Harmonies

Analogous

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



120.5060, 39.9780, 13.3700



119.0570, 39.3840, 2.1040



117.5190, 28.7950, -9.7410

Triad

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



119.0570, 39.3840, 2.1040



105.9140, -41.5810, -22.8690



119.9990, -15.4540, 15.7620

Complementary

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



119.0570, 39.3840, 2.1040



117.9430, -39.3840, -2.1040

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.



113.4790, -43.6490, 3.6070



119.0570, 39.3840, 2.1040



96.5050, -74.0420, -23.7860

Square

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



119.0570, 39.3840, 2.1040



111.2840, -13.3840, -21.7680



101.9220, -70.4220, -12.2940



122.1610, 10.6330, 22.0650

Rectangle

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



119.0570, 39.3840, 2.1040



115.7840, 17.5630, -15.4370



101.9220, -70.4220, -12.2940



118.2150, -24.9900, 12.3700

Sweetspot

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



119.0570, 39.3840, 2.1040



191.7260, 15.4510, 0.8190



108.4350, 30.7130, 32.6090



95.2030, 9.6740, 0.8900



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



119.0570, 39.3840, 2.1040



145.3170, 62.0790, 3.7990



141.9500, 28.6590, -18.2930



75.1530, 3.9430, 0.1270



72.6940, 71.2030, 3.6430



7.4200, 7.5650, 0.5650

Inverse Universe

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



117.9430, -39.3840, -2.1040



144.0960, -61.8040, -3.2760



95.0500, -28.6590, 18.2930



74.8470, -3.9430, -0.1270



70.3060, -71.2030, -3.6430



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 119.0570, 39.3840, 2.1040 looks on a white background.

Color Contrast Check

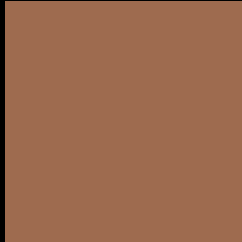
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.0570, 39.3840, 2.1040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

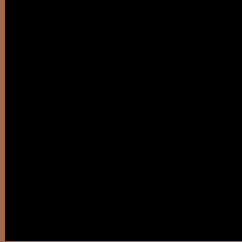
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0570, 39.3840, 2.1040

Background



This preview shows how black text looks on a background with the YIQ color 119.0570, 39.3840, 2.1040.



This preview shows how white text looks on a background with the YIQ color 119.0570, 39.3840,

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

119.0570, 39.3840, 2.1040

Protanopia

117.7010, 16.5990, -8.9770

Deuteranopia

118.5670, 28.8400, -5.0480



Tritanopia

121.2540, 32.0000, 14.7840

Trichromacy



Original Color

119.0570, 39.3840, 2.1040

Protanomaly

118.4140, 24.8970, -5.1750

Deuteranomaly

118.3010, 32.6450, -2.4190

Tritanomaly

120.1740, 34.9810, 10.3170

Monochromacy



Original Color

119.0570, 39.3840, 2.1040

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1280, 14.2590, 0.3950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0570, 39.3840, 2.1040 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(158, 107, 79)` looks like.

```
.text, #text, p{  
    color:rgb(158, 107, 79)  
}
```

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(158, 107, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 107, 79) }
```

Border

The CSS property to change the border of an element to YIQ 119.0570, 39.3840, 2.1040 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(158, 107, 79) }
```


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

```
.border{ border-color:rgb(158, 107, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 107, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 107, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 107, 79);  
box-shadow:4px 4px 4px 4px rgb(158, 107,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0570, 39.3840, 2.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 107, 79) }
```

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

```
.background{ background-color: rgb(158,  
107, 79) }
```

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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