

Converting Colors

YIQ(119.0680, 40.8510, 3.0510)

Have a look what the booklet for
YIQ(119.0680, 40.8510, 3.0510)
contains.

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Color

**YIQ(119.0680, 40.8510,
3.0510)**

Conversions

Conversions Part 1

Format	Color
Hex	A06A4F
RGB	160, 106, 79
RGB Percent	63%, 42%, 31%
CMY	0.3724, 0.5844, 0.6900
CMYK	0.00, 0.34, 0.51, 0.37
HSL	20°, 34%, 47%
HSV	20°, 51%, 63%
XYZ	21.0676, 18.3451, 9.8366
YIQ	119.0680, 40.8510, 3.0510

Conversions

Conversions Part 2

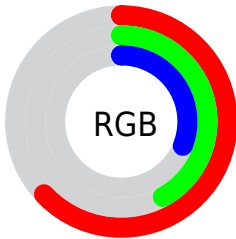
Format	Color
R_{YB}	160, 120, 79
Decimal	10512975
CIE _{Lab}	49.91, 18.49, 23.90
CIE _{LCh}	50, 30.219, 52.271
Yxy	18.3451, 0.4278, 0.3725
Android (android.graphics.Color)	4288703055 (0xFFA06A4F)
YUV	119.0680, -19.7535, 35.8974
Hunter-Lab	42.8312, 12.8451, 16.3653

Details

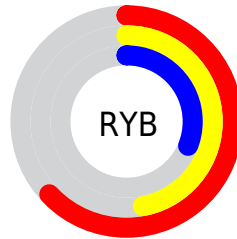
The YIQ color **119.0680, 40.8510, 3.0510** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **119.9320, -40.8510, -3.0510**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2210, 44.7940, 3.1780**, and **69.6160, 36.3120, 2.7120** is the 20% darker color. If you saturate the color by 10%, you get **110.7870, 49.0120, 3.8280**, and if you desaturate by 10%, it is **127.3490, 32.6900, 2.2740**.

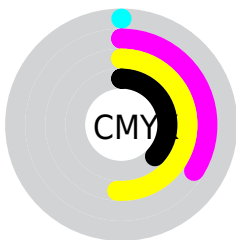
Distribution



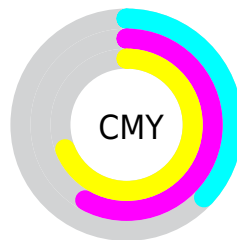
- Red (63%)
- Green (42%)
- Blue (31%)



- Red (63%)
- Yellow (47%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (51%)
- Black (37%)





- Cyan (37%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0680, 40.8510, 3.0510 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 119.0680, 40.8510, 3.0510 by changing the saturation by 10% instead.


 119.0680, 40.8510,
3.0510


 119.0680, 40.8510,
3.0510


255.0000, -0.0000,
-0.0000


 93.9860, 38.1460,
2.5140


 172.3350, 44.4730,
3.4890


 69.6160, 36.3120,
2.7120


 199.8190, 45.9860,
3.6020

 46.2350, 33.0110,
1.9630

 221.4370, 35.2580,
-0.2140

 24.9510, 28.0590,
3.6030

 241.5380, 18.6160,
-6.9840

 9.6820, 18.7510,
7.0950

 253.0620, 5.4570,
-5.2870

 0.0000, 0.0000,
0.0000

■ 119.0680, 40.8510,
3.0510

■ 119.0680, 40.8510,
3.0510

■ 110.7870, 49.0120,
3.8280

■ 127.3490, 32.6900,
2.2740

■ 103.0930, 56.8980,
4.0820

■ 135.0430, 24.8040,
2.0200

■ 94.8120, 65.0590,
4.8590

■ 143.3240, 16.6430,
1.2430

■ 86.5310, 73.2200,
5.6360

■ 151.6050, 8.4820,
0.4660

■ 78.9510, 80.7850,
6.2010

■ 159.2990, 0.5960,
0.2120

■ 167.5800, -7.5650,
-0.5650

■ 175.8610,
-15.7260, -1.3420

■ 183.5550,

-23.6120, -1.5960

■ 191.8360,
-31.7730, -2.3730

Harmonies

Analogous

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



120.7450, 40.8030, 14.9390



119.0680, 40.8510, 3.0510



117.4160, 30.5830, -9.1050

Triad

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



119.0680, 40.8510, 3.0510



105.3870, -41.5350, -23.7030



119.9170, -18.1590, 15.2250

Complementary

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



119.0680, 40.8510, 3.0510



119.9320, -40.8510, -3.0510

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.



111.7990, -47.5460, 2.6460



119.0680, 40.8510, 3.0510



93.1020, -80.2770, -26.4290

Square

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



119.0680, 40.8510, 3.0510



111.2410, -11.8250, -22.4890



96.8390, -80.5540, -15.8980



122.0900, 9.3950, 22.4750

Rectangle

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



119.0680, 40.8510, 3.0510



116.1540, 19.3970, -15.6350



96.8390, -80.5540, -15.8980



117.8340, -28.2910, 11.6210

Sweetspot

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



119.0680, 40.8510, 3.0510



193.1390, 15.7260, 1.3420



109.4890, 30.6210, 34.2770



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.



119.0680, 40.8510, 3.0510



144.6270, 64.1420, 4.9580



141.9610, 30.1260, -17.3460



75.1530, 3.9430, 0.1270



70.3460, 72.3030, 5.7350



7.4200, 7.5650, 0.5650

Inverse Universe

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



119.9320, -40.8510, -3.0510



146.3730, -64.1420, -4.9580



97.0390, -30.1260, 17.3460



74.8470, -3.9430, -0.1270



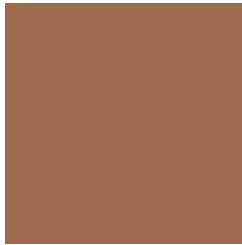
72.0670, -72.0280, -5.2120



7.5800, -7.5650, -0.5650

Previews

White Background



This preview shows how the YIQ color 119.0680, 40.8510, 3.0510 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 119.0680, 40.8510, 3.0510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

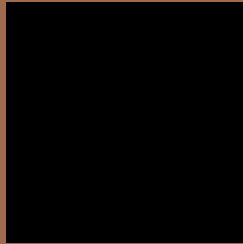
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0680, 40.8510, 3.0510

Background



This preview shows how black text looks on a background with the YIQ color 119.0680, 40.8510, 3.0510.



This preview shows how white text looks on a background with the YIQ color 119.0680, 40.8510,

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

119.0680, 40.8510, 3.0510

Protanopia

117.7010, 16.5990, -8.9770

Deuteranopia

118.4530, 29.1610, -5.3590



Tritanopia

120.8520, 33.1920, 15.2080

Trichromacy



Original Color

119.0680, 40.8510, 3.0510

Protanomaly

118.1260, 25.7680, -4.4400

Deuteranomaly

118.6000, 33.2410, -2.2070

Tritanomaly

119.8860, 35.8520, 11.0520

Monochromacy



Original Color

119.0680, 40.8510, 3.0510

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

118.8400, 15.1300, 1.1300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0680, 40.8510, 3.0510 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(160, 106, 79)` looks like.

```
.text, #text, p{  
    color:rgb(160, 106, 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(160, 106, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 106, 79) }
```

Border

The CSS property to change the border of an element to YIQ 119.0680, 40.8510, 3.0510 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(160, 106, 79) }
```


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

```
.border{ border-color:rgb(160, 106, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 106, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 106, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 106, 79);  
box-shadow:4px 4px 4px 4px rgb(160, 106,  
79) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0680, 40.8510, 3.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 106, 79) }
```

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

```
.background{ background-color: rgb(160,  
106, 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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