

Converting Colors

YIQ(119.0330, 39.9320, 14.2040)

Have a look what the booklet for
YIQ(119.0330, 39.9320, 14.2040)
contains.

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Color

**YIQ(119.0330, 39.9320,
14.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	A66363
RGB	166, 99, 99
RGB Percent	65%, 39%, 39%
CMY	0.3489, 0.6119, 0.6116
CMYK	0.00, 0.40, 0.40, 0.35
HSL	360°, 27%, 52%
HSV	360°, 40%, 65%
XYZ	22.4476, 17.9314, 14.0925
YIQ	119.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

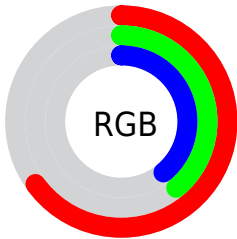
Format	Color
R_{YB}	166, 99, 99
Decimal	10904419
CIE _{Lab}	49.41, 27.11, 11.61
CIE _{LCh}	49, 29.495, 23.188
Yxy	17.9314, 0.4121, 0.3292
Android (android.graphics.Color)	4289094499 (0xFFA66363)
YUV	119.0330, -9.8763, 41.1901
Hunter-Lab	42.3454, 20.5197, 9.9102

Details

The YIQ color **119.0330, 39.9320, 14.2040** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **145.9670, -39.9320, -14.2040**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.4140, 43.2330, 14.9530**, and **69.1680, 35.1180, 13.3420** is the 20% darker color. If you saturate the color by 10%, you get **107.1160, 50.0640, 17.8080**, and if you desaturate by 10%, it is **130.9500, 29.8000, 10.6000**.

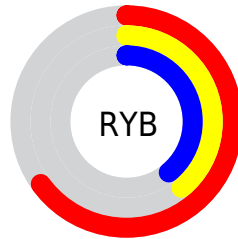
Distribution



Red (65%)

Green (39%)

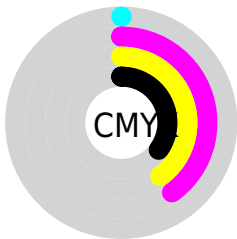
Blue (39%)



Red (65%)

Yellow (39%)

Blue (39%)

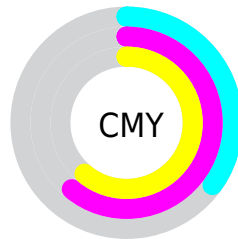


Cyan (0%)

Magenta (40%)

Yellow (40%)

Black (35%)



Cyan (35%)


Magenta (61%)


Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 119.0330, 39.9320, 14.2040 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 119.0330, 39.9320, 14.2040 by changing the saturation by 10% instead.


 119.0330, 39.9320,
14.2040


 119.0330, 39.9320,
14.2040


255.0000, -0.0000,
-0.0000


 93.2500, 37.8230,
13.8790


 172.4140, 43.2330,
14.9530


 69.1680, 35.1180,
13.3420


 200.1970, 45.3420,
15.2780

 44.7980, 33.2840,
13.5400

 219.8360, 30.1210,
10.2890

 20.6130, 32.3670,
13.6390

 240.0510, 13.1580,
3.8300

 11.4760, 22.3270,
8.3670

 0.0000, 0.0000,
0.0000

■ 119.0330, 39.9320,
14.2040

■ 119.0330, 39.9320,
14.2040

■ 107.1160, 50.0640,
17.8080

■ 130.9500, 29.8000,
10.6000

■ 95.9000, 59.6000,
21.2000

■ 142.1660, 20.2640,
7.2080

■ 83.9830, 69.7320,
24.8040

■ 154.0830, 10.1320,
3.6040

■ 72.7670, 79.2680,
28.1960

■ 165.2990, 0.5960,
0.2120

■ 60.8500, 89.4000,
31.8000

■ 177.2160, -9.5360,
-3.3920


■ 49.6340, 98.9360,
35.1920

■ 189.1330,
-19.6680, -6.9960

■ 200.3490,
-29.2040, -10.3880

■ 212.2660,

-39.3360, -13.9920

 223.4820,
-48.8720, -17.3840

Harmonies

Analogous

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



120.1000, 29.7980, 21.6540



119.0330, 39.9320, 14.2040



117.4700, 39.6590, 2.6270

Triad

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



119.0330, 39.9320, 14.2040



110.4690, -12.4670, -21.8670



111.5820, -45.4370, 2.9710

Complementary

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



119.0330, 39.9320, 14.2040



145.9670, -39.9320, -14.2040

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.



99.0140, -73.6770, -13.8770



119.0330, 39.9320, 14.2040



104.2130, -40.9850, -22.6570

Square

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



119.0330, 39.9320, 14.2040



113.7940, 11.6030, -17.5570



93.8960, -76.7010, -25.1570



118.4010, -16.6460, 15.3380

Rectangle

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



119.0330, 39.9320, 14.2040



116.7910, 34.0210, -5.3310



93.8960, -76.7010, -25.1570



108.0430, -54.2850, -1.8770

Sweetspot

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



119.0330, 39.9320, 14.2040



198.7740, 15.4960, 5.5120



126.3720, 17.8290, 34.8290



98.7840, 9.5360, 3.3920



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



119.0330, 39.9320, 14.2040



144.0960, 61.9840, 22.0480



137.8170, 31.1320, -2.5320



78.3920, 4.7680, 1.6960



44.2520, 88.2080, 31.3760



5.9800, 11.9200, 4.2400

Inverse Universe

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



119.0330, 39.9320, 14.2040



144.0960, 61.9840, 22.0480



127.1830, -31.1320, 2.5320



78.3920, 4.7680, 1.6960



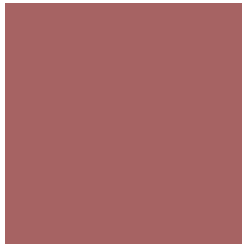
44.2520, 88.2080, 31.3760



5.9800, 11.9200, 4.2400

Previews

White Background



This preview shows how the YIQ color 119.0330, 39.9320, 14.2040 looks on a white background.

Color Contrast Check

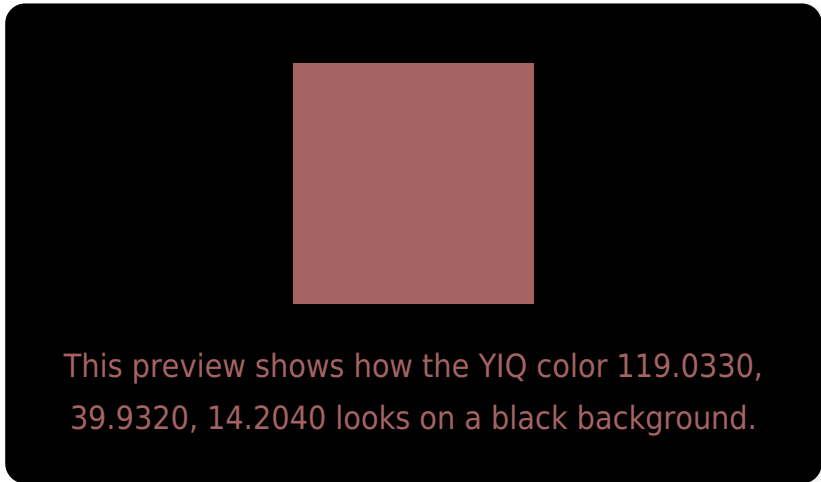
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ Pass

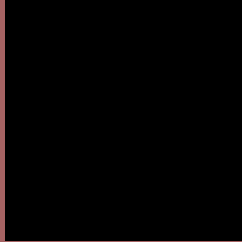
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.0330, 39.9320, 14.2040

Background



This preview shows how black text looks on a background with the YIQ color 119.0330, 39.9320, 14.2040.

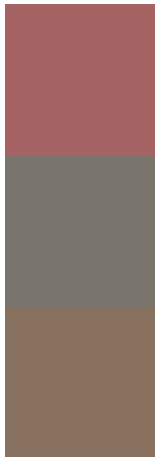


This preview shows how white text looks on a background with the YIQ color 119.0330, 39.9320,

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

119.0330, 39.9320, 14.2040

Protanopia

117.4690, 5.8690, -1.7390

Deuteranopia

118.2380, 19.7610, -0.1990



Tritanopia

119.4290, 38.8770, 16.8050

Trichromacy



Original Color

119.0330, 39.9320, 14.2040

Protanomaly

117.8020, 18.2930, 4.3810

Deuteranomaly

118.7060, 27.3710, 5.0590

Tritanomaly

119.2010, 39.5190, 16.1830

Monochromacy



Original Color

119.0330, 39.9320, 14.2040

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.1760, 14.3040, 5.0880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0330, 39.9320, 14.2040 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(166, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(166, 99, 99)  
}
```

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(166, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 99, 99) }
```

Border

The CSS property to change the border of an element to YIQ 119.0330, 39.9320, 14.2040 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(166, 99, 99) }
```


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

```
.border{ border-color:rgb(166, 99, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 99, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(166, 99,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0330, 39.9320, 14.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 99, 99) }
```

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

```
.background{ background-color: rgb(166, 99,  
99) }
```

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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