

Converting Colors

YIQ(118.4140, 43.2330, 14.9530)

Have a look what the booklet for
YIQ(118.4140, 43.2330, 14.9530)
contains.

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Color

**YIQ(118.4140, 43.2330,
14.9530)**

Conversions

Conversions Part 1

Format	Color
Hex	A96160
RGB	169, 97, 96
RGB Percent	66%, 38%, 38%
CMY	0.3371, 0.6197, 0.6234
CMYK	0.00, 0.43, 0.43, 0.34
HSL	1°, 30%, 52%
HSV	1°, 43%, 66%
XYZ	22.7568, 17.8290, 13.3189
YIQ	118.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

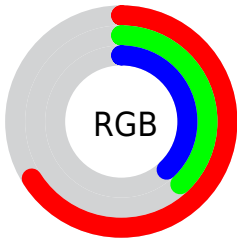
Format	Color
RYB	169, 97, 96
Decimal	11100512
CIELab	49.29, 29.06, 13.28
CIElCh	49, 31.954, 24.566
Yxy	17.8290, 0.4222, 0.3308
Android (android.graphics.Color)	4289290592 (0xFFA96160)
YUV	118.4140, -11.0501, 44.3639
Hunter-Lab	42.2244, 22.3097, 10.8552

Details

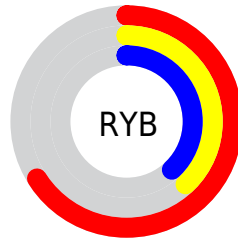
The YIQ color **118.4140, 43.2330, 14.9530** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **146.5860, -43.2330, -14.9530**, and the grayscale version is **118.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.9800, 47.4510, 15.6030**, and **67.9620, 38.6940, 14.6140** is the 20% darker color. If you saturate the color by 10%, you get **106.4970, 53.3650, 18.5570**, and if you desaturate by 10%, it is **130.3310, 33.1010, 11.3490**.

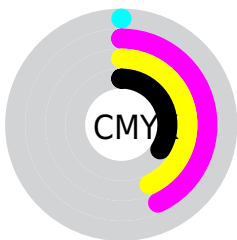
Distribution



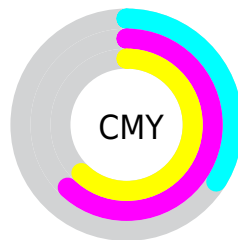
- Red (66%)
- Green (38%)
- Blue (38%)



- Red (66%)
- Yellow (38%)
- Blue (38%)



- Cyan (0%)
- Magenta (43%)
- Yellow (43%)
- Black (34%)





- Cyan (34%)
- Magenta (62%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 118.4140, 43.2330, 14.9530 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 118.4140, 43.2330, 14.9530 by changing the saturation by 10% instead.


 118.4140, 43.2330,
14.9530


 118.4140, 43.2330,
14.9530


255.0000, -0.0000,
-0.0000


 92.6310, 41.1240,
14.6280


 172.0940, 47.1300,
15.9140


 67.9620, 38.6940,
14.6140


 199.2790, 48.0470,
15.8150

 43.9940, 35.6680,
14.3880

 218.2060, 31.9550,
10.0910

 18.8800, 35.9890,
14.0770

 238.4210, 14.9920,
3.6320

 11.7750, 22.9230,
8.5790

 0.0000, 0.0000,
0.0000

■ 118.4140, 43.2330,
14.9530

■ 118.4140, 43.2330,
14.9530

■ 106.4970, 53.3650,
18.5570

■ 130.3310, 33.1010,
11.3490

■ 95.1670, 63.2220,
21.6380

■ 141.6610, 23.2440,
8.2680

■ 83.2500, 73.3540,
25.2420

■ 153.5780, 13.1120,
4.6640

■ 71.3330, 83.4860,
28.8460

■ 165.4950, 2.9800,
1.0600

■ 60.1170, 93.0220,
32.2380

■ 176.8250, -6.8770,
-2.0210


■ 51.7050, 100.1740,
34.7820

■ 188.6280,
-16.6880, -5.9360

■ 200.5450,
-26.8200, -9.5400

■ 211.8750,

-36.6770, -12.6210

 223.7920,
-46.8090, -16.2250

Harmonies

Analogous

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



119.7090, 32.4570, 23.0250



118.4140, 43.2330, 14.9530



117.0250, 42.4100, 2.3300

Triad

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



118.4140, 43.2330, 14.9530



108.7460, -14.8050, -23.5490



109.9560, -49.4260, 3.6780

Complementary

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



118.4140, 43.2330, 14.9530



146.5860, -43.2330, -14.9530

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.



93.4900, -86.8810, -16.8730



118.4140, 43.2330, 14.9530



101.2120, -48.4120, -25.7240

Square

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



118.4140, 43.2330, 14.9530



112.7400, 11.6950, -19.2250



92.7430, -80.6440, -25.2840



118.4550, -16.7380, 17.0060

Rectangle

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



118.4140, 43.2330, 14.9530



116.2210, 35.6260, -6.8860



92.7430, -80.6440, -25.2840



105.8080, -60.9330, -2.5410

Sweetspot

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



118.4140, 43.2330, 14.9530



199.3720, 16.6880, 5.9360



126.1490, 20.0750, 38.1790



97.3820, 10.7280, 3.8160



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.



118.4140, 43.2330, 14.9530



140.2600, 67.3940, 23.1220



139.5460, 33.3330, -3.8750



78.3920, 4.7680, 1.6960



45.4260, 87.6580, 30.3300



5.9800, 11.9200, 4.2400

Inverse Universe

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



146.5860, -43.2330, -14.9530



184.3270, -67.6690, -23.6450



126.0410, -33.6080, 3.3520



81.6080, -4.7680, -1.6960



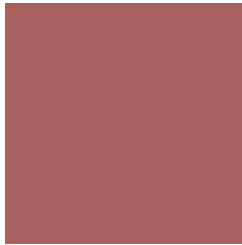
102.5740, -87.6580, -30.3300



14.0200, -11.9200, -4.2400

Previews

White Background



This preview shows how the YIQ color 118.4140, 43.2330, 14.9530 looks on a white background.

Color Contrast Check

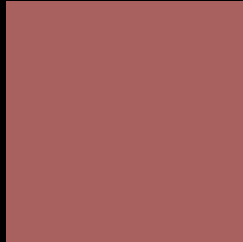
Large Text (above 18pt) WCAG AA ✓ Pass

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 118.4140, 43.2330, 14.9530 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 118.4140, 43.2330, 14.9530

Background



This preview shows how black text looks on a background with the YIQ color 118.4140, 43.2330, 14.9530.

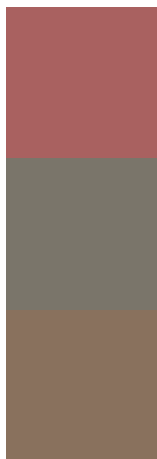


This preview shows how white text looks on a background with the YIQ color 118.4140, 43.2330,

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

118.4140, 43.2330, 14.9530

Protanopia

117.2410, 6.5110, -2.3610

Deuteranopia

117.8960, 20.7240, -1.1320



Tritanopia

118.9240, 41.8570, 17.8650

Trichromacy



Original Color

118.4140, 43.2330, 14.9530

Protanomaly

117.7590, 19.8520, 3.6600

Deuteranomaly

118.0760, 29.2050, 4.8610

Tritanomaly

118.5820, 42.8200, 16.9320

Monochromacy



Original Color

118.4140, 43.2330, 14.9530

Achromatopsia

118.0000, 0.0000, -0.0000

Achromatomaly

118.0730, 16.0920, 5.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 118.4140, 43.2330, 14.9530 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(169, 97, 96)` looks like.

```
.text, #text, p{  
    color:rgb(169, 97, 96)  
}
```

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(169, 97, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 97, 96) }
```

Border

The CSS property to change the border of an element to YIQ 118.4140, 43.2330, 14.9530 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(169, 97, 96) }
```


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

```
.border{ border-color:rgb(169, 97, 96) }
```

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

Here you see how a box with a 4 pixel rgb(169, 97, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 97, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 97, 96);  
box-shadow:4px 4px 4px 4px rgb(169, 97,  
96) }
```

Background

The CSS property to change the background color of an element to YIQ 118.4140, 43.2330, 14.9530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 97, 96) }
```

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

```
.background{ background-color: rgb(169, 97,  
96) }
```

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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