

Converting Colors

YIQ(119.0540, 26.2710, 2.9670)

Have a look what the booklet for
YIQ(119.0540, 26.2710, 2.9670)
contains.

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Color

**YIQ(119.0540, 26.2710,
2.9670)**

Conversions

Conversions Part 1

Format	Color
Hex	926E5F
RGB	146, 110, 95
RGB Percent	57%, 43%, 37%
CMY	0.4274, 0.5687, 0.6273
CMYK	0.00, 0.25, 0.35, 0.43
HSL	18°, 21%, 47%
HSV	18°, 35%, 57%
XYZ	19.4987, 18.0881, 13.2972
YIQ	119.0540, 26.2710, 2.9670

Conversions

Conversions Part 2

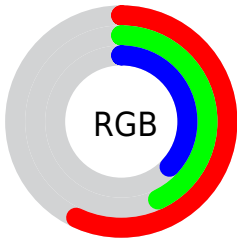
Format	Color
R_{YB}	146, 116, 95
Decimal	9596511
CIE Lab	49.60, 12.12, 13.88
CIE LCh	50, 18.427, 48.878
Yxy	18.0881, 0.3832, 0.3555
Android (android.graphics.Color)	4287786591 (0xFF926E5F)
YUV	119.0540, -11.8586, 23.6316
Hunter-Lab	42.5301, 7.4088, 11.2339

Details

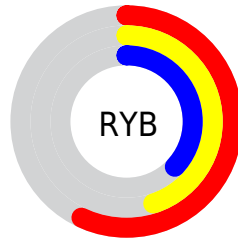
The YIQ color **119.0540, 26.2710, 2.9670** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **121.9460, -26.2710, -2.9670**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7230, 28.7010, 2.9810**, and **70.0860, 23.2450, 2.7410** is the 20% darker color. If you saturate the color by 10%, you get **111.4740, 33.8360, 3.5320**, and if you desaturate by 10%, it is **126.6340, 18.7060, 2.4020**.

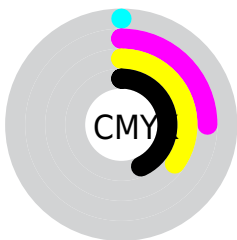
Distribution



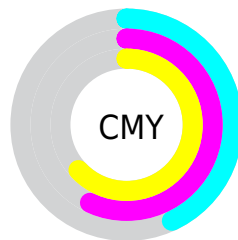
- Red (57%)
- Green (43%)
- Blue (37%)



- Red (57%)
- Yellow (45%)
- Blue (37%)



- Cyan (0%)
- Magenta (25%)
- Yellow (35%)
- Black (43%)




- Cyan (43%)
- Magenta (57%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.0540, 26.2710, 2.9670 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 119.0540, 26.2710, 2.9670 by changing the saturation by 10% instead.


 119.0540, 26.2710,
2.9670


 119.0540, 26.2710,
2.9670


255.0000, -0.0000,
-0.0000


 94.4560, 25.0790,
2.5430


 171.8370, 28.3800,
3.2920


 70.0860, 23.2450,
2.7410


 199.0220, 29.2970,
3.1930

 47.3030, 21.1360,
2.4160

 226.3100, 28.4260,
2.4580

 25.1350, 21.5490,
0.4370

 245.9380, 11.7380,
-3.4780

 6.5780, 13.1120,
4.6640

 0.0000, 0.0000,
0.0000

■ 119.0540, 26.2710,
2.9670

■ 119.0540, 26.2710,
2.9670

■ 111.4740, 33.8360,
3.5320

■ 126.6340, 18.7060,
2.4020

■ 103.4210, 41.3550,
4.9310

■ 134.6870, 11.1870,
1.0030

■ 95.8410, 48.9200,
5.4960

■ 142.2670, 3.6220,
0.4380

■ 88.3750, 56.1640,
6.3720

■ 149.7330, -3.6220,
-0.4380

■ 80.2080, 64.0040,
7.4600

■ 157.9000,
-11.4620, -1.5260

■ 72.6280, 71.5690,
8.0250

■ 165.4800,
-19.0270, -2.0910

■ 68.8950, 75.1910,
8.4630

■ 172.9460,
-26.2710, -2.9670

■ 181.1130,

-34.1110, -4.0550

■ 188.5790,
-41.3550, -4.9310

Harmonies

Analogous

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



120.0850, 24.9860, 9.7380



119.0540, 26.2710, 2.9670



117.9020, 20.5870, -4.1570

Triad

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



119.0540, 26.2710, 2.9670



111.7320, -20.2170, -13.5690



118.6370, -11.7390, 9.0050

Complementary

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



119.0540, 26.2710, 2.9670



121.9460, -26.2710, -2.9670

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.



115.1080, -26.5470, 2.0370



119.0540, 26.2710, 2.9670



111.1530, -31.5880, -11.2360

Square

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



119.0540, 26.2710, 2.9670



114.0450, -5.0410, -13.2730



112.1730, -34.3400, -5.4120



120.4710, 3.5280, 13.1600

Rectangle

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



119.0540, 26.2710, 2.9670



116.5590, 14.1230, -8.1570



112.1730, -34.3400, -5.4120



117.6470, -17.6990, 6.8850

Sweetspot

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



119.0540, 26.2710, 2.9670



178.6160, 9.9490, 1.4130



114.4670, 18.5190, 22.3190



88.0500, 5.7310, 0.7630



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



119.0540, 26.2710, 2.9670



147.0080, 41.0800, 4.4080



133.7290, 19.3960, -10.1080



70.2670, 3.6220, 0.4380



64.7420, 71.2480, 8.3360



4.7510, 5.1350, 0.5510

Inverse Universe

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



121.9460, -26.2710, -2.9670



150.9920, -41.0800, -4.4080



107.2710, -19.3960, 10.1080



70.7330, -3.6220, -0.4380



72.6710, -70.9730, -7.8130



5.2490, -5.1350, -0.5510

Previews

White Background



This preview shows how the YIQ color 119.0540, 26.2710, 2.9670 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 119.0540, 26.2710, 2.9670 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 119.0540, 26.2710, 2.9670

Background



This preview shows how black text looks on a background with the YIQ color 119.0540, 26.2710, 2.9670.



This preview shows how white text looks on a background with the YIQ color 119.0540, 26.2710,

2.9670.

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

119.0540, 26.2710, 2.9670

Protanopia

117.9270, 10.2710, -4.4250

Deuteranopia

118.8960, 20.7240, -1.1320



Tritanopia

120.1710, 21.8680, 11.1800

Trichromacy



Original Color

119.0540, 26.2710, 2.9670

Protanomaly

118.4440, 16.1850, -1.4710

Deuteranomaly

119.2060, 22.7870, 0.0270

Tritanomaly

119.6610, 23.2440, 8.2680

Monochromacy



Original Color

119.0540, 26.2710, 2.9670

Achromatopsia

119.0000, -0.0000, 0.0000

Achromatomaly

119.2030, 9.6740, 0.8900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.0540, 26.2710, 2.9670 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(146, 110, 95)` looks like.

```
.text, #text, p{  
    color:rgb(146, 110, 95)  
}
```

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(146, 110, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 110, 95) }
```

Border

The CSS property to change the border of an element to YIQ 119.0540, 26.2710, 2.9670 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(146, 110, 95) }
```


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

```
.border{ border-color:rgb(146, 110, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 110, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 110, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 110, 95);  
box-shadow:4px 4px 4px 4px rgb(146, 110,  
95) }
```

Background

The CSS property to change the background color of an element to YIQ 119.0540, 26.2710, 2.9670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 110, 95) }
```

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

```
.background{ background-color: rgb(146,  
110, 95) }
```

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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