

Converting Colors

YIQ(127.6950, 25.9040, 4.1120)

Have a look what the booklet for
YIQ(127.6950, 25.9040, 4.1120)
contains.

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Color

**YIQ(127.6950, 25.9040,
4.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	9B766A
RGB	155, 118, 106
RGB Percent	61%, 46%, 42%
CMY	0.3921, 0.5373, 0.5842
CMYK	0.00, 0.24, 0.32, 0.39
HSL	15°, 20%, 51%
HSV	15°, 32%, 61%
XYZ	22.6011, 20.9650, 16.4989
YIQ	127.6950, 25.9040, 4.1120

Conversions

Conversions Part 2

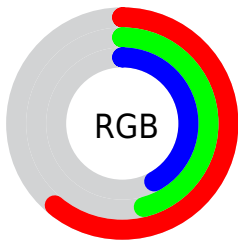
Format	Color
R_{YB}	155, 122, 106
Decimal	10188394
CIE _{Lab}	52.91, 12.74, 12.19
CIE _{LCh}	53, 17.627, 43.739
Yxy	20.9650, 0.3763, 0.3490
Android (android.graphics.Color)	4288378474 (0xFF9B766A)
YUV	127.6950, -10.6956, 23.9465
Hunter-Lab	45.7875, 7.9809, 10.6870

Details

The YIQ color **127.6950, 25.9040, 4.1120** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.3050, -25.9040, -4.1120**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.4780, 28.0130, 4.4370**, and **78.6130, 23.1990, 3.5750** is the 20% darker color. If you saturate the color by 10%, you get **118.9410, 34.0190, 5.7230**, and if you desaturate by 10%, it is **136.5630, 17.4680, 2.8120**.

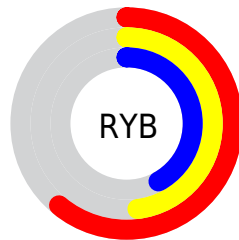
Distribution



Red (61%)

Green (46%)

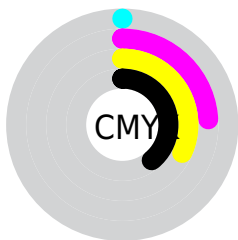
Blue (42%)



Red (61%)

Yellow (48%)

Blue (42%)

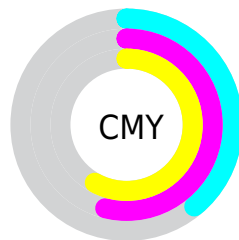


Cyan (0%)

Magenta (24%)

Yellow (32%)

Black (39%)



Cyan (39%)


Magenta (54%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 127.6950, 25.9040, 4.1120 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 127.6950, 25.9040, 4.1120 by changing the saturation by 10% instead.


 127.6950, 25.9040,
4.1120


 127.6950, 25.9040,
4.1120


255.0000, -0.0000,
-0.0000


 102.2110, 24.3910,
3.9990


 180.4780, 28.0130,
4.4370


 78.6130, 23.1990,
3.5750


 208.6630, 28.9300,
4.3380

 55.1290, 21.6860,
3.4620

 233.0750, 21.7780,
1.7940

 33.2320, 19.8980,
2.8260

 252.7030, 5.0900,
-4.1420

 9.8670, 19.6680,
6.9960

 0.0000, 0.0000,
0.0000

■ 127.6950, 25.9040,
4.1120

■ 127.6950, 25.9040,
4.1120

■ 118.9410, 34.0190,
5.7230

■ 136.5630, 17.4680,
2.8120

■ 110.6600, 42.1800,
6.5000

■ 144.7300, 9.6280,
1.7240

■ 101.9060, 50.2950,
8.1110

■ 153.5980, 1.1920,
0.4240

■ 93.0380, 58.7310,
9.4110

■ 162.3520, -6.9230,
-1.1870

■ 84.2840, 66.8460,
11.0220

■ 171.2200,
-15.3590, -2.4870

■ 76.0030, 75.0070,
11.7990

■ 179.3870,
-23.1990, -3.5750

■ 68.6510, 81.9300,
12.9860

■ 188.2550,
-31.6350, -4.8750

■ 197.0090,

-39.7500, -6.4860

■ 205.2900,
-47.9110, -7.2630

Harmonies

Analogous

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



128.7150, 23.1520, 9.9360



127.6950, 25.9040, 4.1120



126.7280, 21.1370, -3.1110

Triad

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



127.6950, 25.9040, 4.1120



120.9990, -16.5950, -13.1310



126.4410, -14.1230, 8.1570

Complementary

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



127.6950, 25.9040, 4.1120



133.3050, -25.9040, -4.1120

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.



123.2820, -27.0970, 0.9910



127.6950, 25.9040, 4.1120



119.8220, -29.1580, -11.2220

Square

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



127.6950, 25.9040, 4.1120



123.1270, -2.3360, -12.7360



120.8310, -33.3770, -6.3450



128.2750, 1.1440, 12.3120

Rectangle

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



127.6950, 25.9040, 4.1120



125.5700, 15.5900, -7.2100



120.8310, -33.3770, -6.3450



125.5220, -18.8450, 5.6270

Sweetspot

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



127.6950, 25.9040, 4.1120



191.3170, 9.3530, 1.2010



124.9830, 17.0060, 22.2060



96.0500, 5.7310, 0.7630



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



127.6950, 25.9040, 4.1120



158.8770, 40.0710, 6.1750



141.7830, 19.3040, -8.4400



72.5660, 4.2180, 0.6500



61.8180, 74.0900, 11.8980



5.6480, 6.9230, 1.1870

Inverse Universe

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



133.3050, -25.9040, -4.1120



167.7100, -40.3460, -6.6980



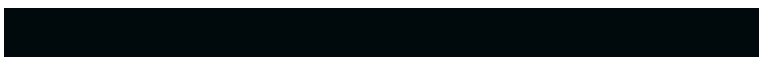
119.2170, -19.3040, 8.4400



73.4340, -4.2180, -0.6500



78.1820, -74.0900, -11.8980



7.3520, -6.9230, -1.1870

Previews

White Background



This preview shows how the YIQ color 127.6950, 25.9040, 4.1120 looks on a white background.

Color Contrast Check

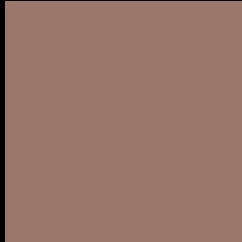
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.6950, 25.9040, 4.1120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

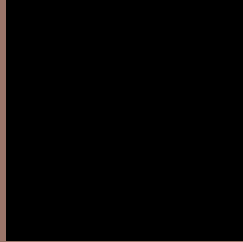
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6950, 25.9040, 4.1120

Background



This preview shows how black text looks on a background with the YIQ color 127.6950, 25.9040, 4.1120.



This preview shows how white text looks on a background with the YIQ color 127.6950, 25.9040,

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

127.6950, 25.9040, 4.1120

Protanopia

126.2690, 9.3080, -3.4920

Deuteranopia

127.2380, 19.7610, -0.1990



Tritanopia

128.5840, 22.1430, 11.7030

Trichromacy



Original Color

127.6950, 25.9040, 4.1120

Protanomaly

126.7860, 15.2220, -0.5380

Deuteranomaly

127.5480, 21.8240, 0.9600

Tritanomaly

128.0740, 23.5190, 8.7910

Monochromacy



Original Color

127.6950, 25.9040, 4.1120

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.7300, 9.6280, 1.7240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6950, 25.9040, 4.1120 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(155, 118, 106)` looks like.

```
.text, #text, p{  
    color:rgb(155, 118, 106)  
}
```

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(155, 118, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 118, 106) }
```

Border

The CSS property to change the border of an element to YIQ 127.6950, 25.9040, 4.1120 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(155, 118, 106) }
```


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

```
.border{ border-color:rgb(155, 118, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 118, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 118, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 118, 106);  
box-shadow:4px 4px 4px 4px rgb(155, 118,  
106) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6950, 25.9040, 4.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 118, 106) }
```

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

```
.background{ background-color: rgb(155,  
118, 106) }
```

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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