

Converting Colors

YIQ(125.3010, 24.6180, 16.4100)

Have a look what the booklet for
YIQ(125.3010, 24.6180, 16.4100)
contains.

YIQ(125.3010, 24.6180, 16.4100)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(125.3010, 24.6180,
16.4100)**

Conversions

Conversions Part 1

Format	Color
Hex	9F6C7E
RGB	159, 108, 126
RGB Percent	62%, 42%, 49%
CMY	0.3763, 0.5765, 0.5058
CMYK	0.00, 0.32, 0.21, 0.38
HSL	339°, 21%, 52%
HSV	339°, 32%, 62%
XYZ	23.4324, 19.6019, 22.2944
YIQ	125.3010, 24.6180, 16.4100

Conversions

Conversions Part 2

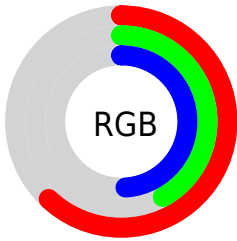
Format	Color
R_{YB}	159, 108, 126
Decimal	10447998
CIE _{Lab}	51.38, 23.07, -1.70
CIE _{LCh}	51, 23.132, 355.783
Yxy	19.6019, 0.3587, 0.3001
Android (android.graphics.Color)	4288638078 (0xFF9F6C7E)
YUV	125.3010, 0.3446, 29.5540
Hunter-Lab	44.2740, 16.9929, 1.1360

Details

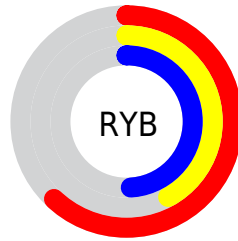
The YIQ color **125.3010, 24.6180, 16.4100** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.6990, -24.6180, -16.4100**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.6110, 26.6810, 17.5690**, and **75.6920, 21.9590, 15.0390** is the 20% darker color. If you saturate the color by 10%, you get **114.7690, 32.2280, 21.6680**, and if you desaturate by 10%, it is **135.8330, 17.0080, 11.1520**.

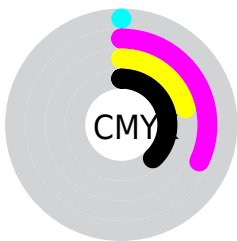
Distribution



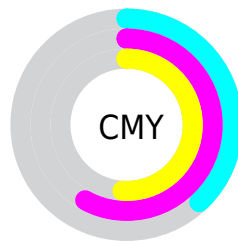
- Red (62%)
- Green (42%)
- Blue (49%)



- Red (62%)
- Yellow (42%)
- Blue (49%)



- Cyan (0%)
- Magenta (32%)
- Yellow (21%)
- Black (38%)





- Cyan (38%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 125.3010, 24.6180, 16.4100 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 125.3010, 24.6180, 16.4100 by changing the saturation by 10% instead.


 125.3010, 24.6180,
16.4100


 125.3010, 24.6180,
16.4100


255.0000, -0.0000,
-0.0000


 99.7030, 23.4260,
15.9860


 178.6110, 26.6810,
17.5690

 75.6920, 21.9590,
15.0390


 205.9100, 27.2770,
17.7810


 52.0940, 20.7670,
14.6150

 229.1260, 17.7410,
14.3890

 29.6100, 19.2540,
14.5020

 248.5430, 3.0250,
5.7530

 12.5020, 19.4380,
11.1660

 0.0000, 0.0000,
0.0000

■ 125.3010, 24.6180,
16.4100

■ 125.3010, 24.6180,
16.4100

■ 114.7690, 32.2280,
21.6680

■ 135.8330, 17.0080,
11.1520

■ 104.1230, 40.1590,
26.6150

■ 146.4790, 9.0770,
6.2050

■ 93.5910, 47.7690,
31.8730

■ 157.0110, 1.4670,
0.9470

■ 83.0590, 55.3790,
37.1310

■ 167.5430, -6.1430,
-4.3110

■ 72.5270, 62.9890,
42.3890

■ 177.4880,
-13.4780, -9.0460

■ 62.4680, 70.6450,
46.8130


■ 188.1340,
-21.4090, -13.9930

■ 53.9250, 76.7880,
51.1240

■ 198.6660,
-29.0190, -19.2510

■ 209.1980,

-36.6290, -24.5090

 219.8440,
-44.5600, -29.4560

Harmonies

Analogous

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



125.6290, 9.0750, 17.2590



125.3010, 24.6180, 16.4100



124.5050, 32.5510, 10.3030

Triad

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



125.3010, 24.6180, 16.4100



119.3470, 8.6680, -13.9240



113.8990, -45.2520, -5.8920

Complementary

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



125.3010, 24.6180, 16.4100



141.6990, -24.6180, -16.4100

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.



111.8570, -45.4340, -13.6100



125.3010, 24.6180, 16.4100



117.0010, -10.9090, -17.0610

Square

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



125.3010, 24.6180, 16.4100



121.4630, 23.2010, -7.4790



113.7630, -30.6700, -16.8620



119.5360, -30.6280, 4.4120

Rectangle

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



125.3010, 24.6180, 16.4100



123.8160, 32.8730, 4.4650



113.7630, -30.6700, -16.8620



112.5350, -47.2230, -8.7190

Sweetspot

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



125.3010, 24.6180, 16.4100



193.0770, 10.2690, 6.6290



123.3820, 2.7010, 22.6450



96.3430, 6.4640, 4.0000



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.



125.3010, 24.6180, 16.4100



153.4110, 39.2880, 25.8800



127.3580, 28.4710, 7.1510



73.7340, 3.8050, 2.6290



48.4570, 69.1780, 45.8660



5.0550, 7.3350, 4.7350

Inverse Universe

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



125.3010, 24.6180, 16.4100



153.4110, 39.2880, 25.8800



139.6420, -28.4710, -7.1510



73.7340, 3.8050, 2.6290



48.4570, 69.1780, 45.8660



5.0550, 7.3350, 4.7350

Previews

White Background



This preview shows how the YIQ color 125.3010, 24.6180, 16.4100 looks on a white background.

Color Contrast Check

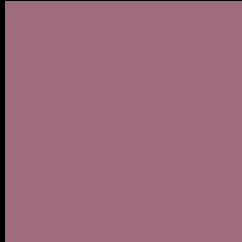
Large Text (above 18pt) WCAG AA ✓ Pass

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 125.3010, 24.6180, 16.4100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

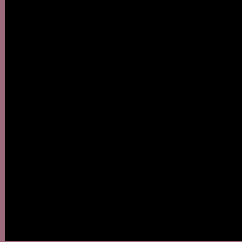
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 125.3010, 24.6180, 16.4100

Background



This preview shows how black text looks on a background with the YIQ color 125.3010, 24.6180, 16.4100.



This preview shows how white text looks on a background with the YIQ color 125.3010, 24.6180,

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

125.3010, 24.6180, 16.4100

Protanopia

123.3680, -3.8520, 3.7320

Deuteranopia

124.0550, 7.3350, 4.7350



Tritanopia

124.6770, 26.3150, 13.1870

Trichromacy



Original Color

125.3010, 24.6180, 16.4100

Protanomaly

123.9780, 6.2340, 8.1700

Deuteranomaly

124.5120, 13.4780, 9.0460

Tritanomaly

125.0190, 25.3520, 14.1200

Monochromacy



Original Color

125.3010, 24.6180, 16.4100

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.0660, 8.8020, 5.6820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 125.3010, 24.6180, 16.4100 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(159, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(159, 108, 126)  
}
```

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(159, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 108, 126) }
```

Border

The CSS property to change the border of an element to YIQ 125.3010, 24.6180, 16.4100 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(159, 108, 126) }
```


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

```
.border{ border-color:rgb(159, 108, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 108, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 108, 126);  
box-shadow:4px 4px 4px 4px rgb(159, 108,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 125.3010, 24.6180, 16.4100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 108, 126) }
```

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

```
.background{ background-color: rgb(159,  
108, 126) }
```

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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