

Converting Colors

YIQ(126.8910, 28.2880, 4.9600)

Have a look what the booklet for
YIQ(126.8910, 28.2880, 4.9600)
contains.

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Color

**YIQ(126.8910, 28.2880,
4.9600)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7468
RGB	157, 116, 104
RGB Percent	62%, 45%, 41%
CMY	0.3842, 0.5451, 0.5920
CMYK	0.00, 0.26, 0.34, 0.38
HSL	14°, 21%, 51%
HSV	14°, 34%, 62%
XYZ	22.6528, 20.6573, 15.8983
YIQ	126.8910, 28.2880, 4.9600

Conversions

Conversions Part 2

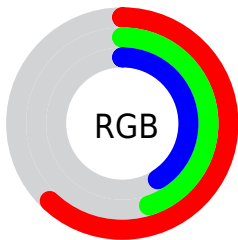
Format	Color
R_{YB}	157, 120, 104
Decimal	10318952
CIE _{Lab}	52.57, 14.43, 12.91
CIE _{LCh}	53, 19.365, 41.821
Yxy	20.6573, 0.3826, 0.3489
Android (android.graphics.Color)	4288509032 (0xFF9D7468)
YUV	126.8910, -11.2853, 26.4056
Hunter-Lab	45.4503, 9.4277, 11.0759

Details

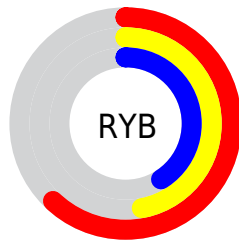
The YIQ color **126.8910, 28.2880, 4.9600** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **134.1090, -28.2880, -4.9600**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.9730, 30.9930, 5.4970**, and **77.5100, 24.9870, 4.2110** is the 20% darker color. If you saturate the color by 10%, you get **118.0230, 36.7240, 6.2600**, and if you desaturate by 10%, it is **135.7590, 19.8520, 3.6600**.

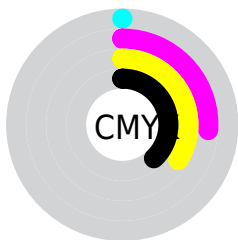
Distribution



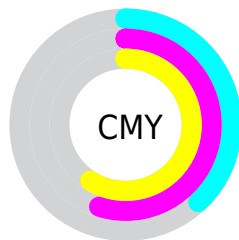
- Red (62%)
- Green (45%)
- Blue (41%)



- Red (62%)
- Yellow (47%)
- Blue (41%)



- Cyan (0%)
- Magenta (26%)
- Yellow (34%)
- Black (38%)



- Cyan (38%)
- Magenta (55%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8910, 28.2880, 4.9600 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 126.8910, 28.2880, 4.9600 by changing the saturation by 10% instead.

■ 126.8910, 28.2880,
4.9600

■ 126.8910, 28.2880,
4.9600

■ 255.0000, -0.0000,
-0.0000

■ 101.4070, 26.7750,
4.8470

■ 179.9730, 30.9930,
5.4970

■ 77.5100, 24.9870,
4.2110

■ 207.2720, 31.5890,
5.7090

■ 54.0260, 23.4740,
4.0980

■ 231.0860, 23.2450,
2.7410

■ 32.1290, 21.6860,
3.4620

■ 251.3010, 6.2820,
-3.7180

■ 10.1660, 20.2640,
7.2080

■ 0.0000, 0.0000,
0.0000

■ 126.8910, 28.2880,
4.9600

■ 126.8910, 28.2880,
4.9600

■ 118.0230, 36.7240,
6.2600

■ 135.7590, 19.8520,
3.6600

■ 109.2690, 44.8390,
7.8710

■ 144.5130, 11.7370,
2.0490

■ 100.4010, 53.2750,
9.1710

■ 153.3810, 3.3010,
0.7490

■ 90.9460, 61.9860,
10.9940

■ 162.8360, -5.4100,
-1.0740

■ 82.1920, 70.1010,
12.6050

■ 171.7040,
-13.8460, -2.3740

■ 73.3240, 78.5370,
13.9050

■ 180.4580,
-21.9610, -3.9850

■ 67.4880, 83.9470,
14.9790

■ 189.3260,
-30.3970, -5.2850

■ 198.1940,

-38.8330, -6.5850

■ 206.9480,
-46.9480, -8.1960

Harmonies

Analogous

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



127.4380, 25.4900, 11.6180



126.8910, 28.2880, 4.9600



125.6960, 24.1630, -2.8850

Triad

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



126.8910, 28.2880, 4.9600



119.8740, -17.7410, -14.3890



125.4730, -17.1490, 7.9310

Complementary

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



126.8910, 28.2880, 4.9600



134.1090, -28.2880, -4.9600

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.



121.7160, -31.3150, 0.3410



126.8910, 28.2880, 4.9600



118.2130, -31.8170, -12.5930

Square

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



126.8910, 28.2880, 4.9600



121.7850, -1.3730, -13.6690



118.7380, -37.5490, -7.8290



127.6170, 0.1810, 13.2450

Rectangle

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



126.8910, 28.2880, 4.9600



124.8260, 17.7450, -7.7190



118.7380, -37.5490, -7.8290



124.5540, -21.8710, 5.4010

Sweetspot

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



126.8910, 28.2880, 4.9600



192.3280, 10.8200, 2.1480



124.6350, 18.1060, 24.2980



95.3490, 6.3270, 0.9750



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.



126.8910, 28.2880, 4.9600



157.6710, 43.6470, 7.4470



142.1530, 21.1380, -8.6380



74.5660, 4.2180, 0.6500



61.5410, 76.4280, 13.5800



6.2460, 8.1150, 1.6110

Inverse Universe

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



134.1090, -28.2880, -4.9600



168.9160, -43.9220, -7.9700



118.8470, -21.1380, 8.6380



75.4340, -4.2180, -0.6500



81.4590, -76.4280, -13.5800



8.7540, -8.1150, -1.6110

Previews

White Background



This preview shows how the YIQ color 126.8910, 28.2880, 4.9600 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 126.8910, 28.2880, 4.9600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

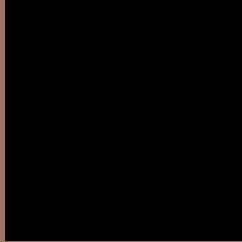
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8910, 28.2880, 4.9600

Background



This preview shows how black text looks on a background with the YIQ color 126.8910, 28.2880, 4.9600.



This preview shows how white text looks on a background with the YIQ color 126.8910, 28.2880,

4.9600.

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

126.8910, 28.2880, 4.9600

Protanopia

125.2690, 9.3080, -3.4920

Deuteranopia

126.4230, 20.6780, -0.2980



Tritanopia

127.7800, 24.5270, 12.5510

Trichromacy



Original Color

126.8910, 28.2880, 4.9600

Protanomaly

125.9710, 16.1390, -0.6370

Deuteranomaly

126.4450, 23.6120, 1.5960

Tritanomaly

127.2700, 25.9030, 9.6390

Monochromacy



Original Color

126.8910, 28.2880, 4.9600

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.0290, 10.2240, 1.9360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8910, 28.2880, 4.9600 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(157, 116, 104)` looks like.

```
.text, #text, p{  
    color:rgb(157, 116, 104)  
}
```

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(157, 116, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 116, 104) }
```

Border

The CSS property to change the border of an element to YIQ 126.8910, 28.2880, 4.9600 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(157, 116, 104) }
```


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

```
.border{ border-color:rgb(157, 116, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 116, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 116, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 116, 104);  
box-shadow:4px 4px 4px 4px rgb(157, 116,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8910, 28.2880, 4.9600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 116, 104) }
```

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

```
.background{ background-color: rgb(157,  
116, 104) }
```

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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