

Converting Colors

YIQ(127.6930, 29.3860, 18.1060)

Have a look what the booklet for
YIQ(127.6930, 29.3860, 18.1060)
contains.

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Color

**YIQ(127.6930, 29.3860,
18.1060)**

Conversions

Conversions Part 1

Format	Color
Hex	A76C7E
RGB	167, 108, 126
RGB Percent	65%, 42%, 49%
CMY	0.3449, 0.5766, 0.5058
CMYK	0.00, 0.35, 0.25, 0.34
HSL	342°, 25%, 54%
HSV	342°, 35%, 66%
XYZ	25.0721, 20.4466, 22.3727
YIQ	127.6930, 29.3860, 18.1060

Conversions

Conversions Part 2

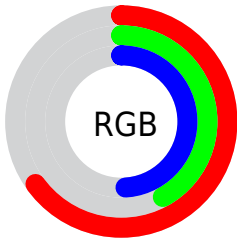
Format	Color
RYB	167, 108, 126
Decimal	10972286
CIELab	52.34, 26.10, -0.19
CIELCh	52, 26.105, 359.576
Yxy	20.4466, 0.3693, 0.3012
Android (android.graphics.Color)	4289162366 (0xFFA76C7E)
YUV	127.6930, -0.8346, 34.4722
Hunter-Lab	45.2180, 19.8417, 2.3174

Details

The YIQ color **127.6930, 29.3860, 18.1060** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **147.3070, -29.3860, -18.1060**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.0030, 31.4490, 19.2650**, and **77.1980, 26.4060, 17.0460** is the 20% darker color. If you saturate the color by 10%, you get **116.3460, 37.9130, 23.2650**, and if you desaturate by 10%, it is **139.0400, 20.8590, 12.9470**.

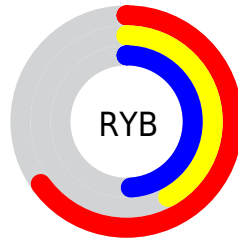
Distribution



Red (65%)

Green (42%)

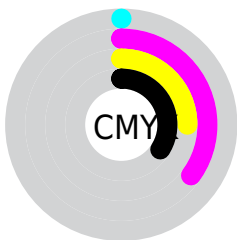
Blue (49%)



Red (65%)

Yellow (42%)

Blue (49%)

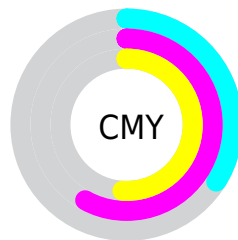


Cyan (0%)

Magenta (35%)

Yellow (25%)

Black (34%)



Cyan (34%)

Magenta (58%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.6930, 29.3860, 18.1060 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 127.6930, 29.3860, 18.1060 by changing the saturation by 10% instead.

■ 127.6930, 29.3860,
18.1060

■ 127.6930, 29.3860,
18.1060

■ 255.0000, -0.0000,
-0.0000

■ 102.0950, 28.1940,
17.6820

■ 181.0030, 31.4490,
19.2650

■ 77.4970, 27.0020,
17.2580

■ 208.6010, 32.6410,
19.6890

■ 53.6000, 25.2140,
16.6220

■ 229.1260, 17.7410,
14.3890

■ 30.2300, 23.3800,
16.8200

■ 248.5430, 3.0250,
5.7530

■ 13.6980, 21.8220,
12.0140

■ 0.0000, 0.0000,
0.0000

127.6930, 29.3860,
18.1060

127.6930, 29.3860,
18.1060

116.3460, 37.9130,
23.2650

139.0400, 20.8590,
12.9470

105.7000, 45.8440,
28.2120

149.6860, 12.9280,
8.0000

94.3530, 54.3710,
33.3710

161.0330, 4.4010,
2.8410

83.1200, 62.5770,
38.8410

172.2660, -3.8050,
-2.6290

71.7730, 71.1040,
44.0000

183.0260,
-12.0570, -7.2650

61.0130, 79.3560,
48.6360


194.3730,
-20.5840, -12.4240

55.7470, 83.1610,
51.2650

205.6060,
-28.7900, -17.8940

216.9530,

-37.3170, -23.0530

 225.8380,
-44.4230, -26.4310

Harmonies

Analogous

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



128.3630, 12.8800, 19.8880



127.6930, 29.3860, 18.1060



126.9570, 37.0900, 10.6420

Triad

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



127.6930, 29.3860, 18.1060



120.9830, 6.6970, -16.7510



114.8920, -52.5420, -5.9340

Complementary

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



127.6930, 29.3860, 18.1060



147.3070, -29.3860, -18.1060

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.



110.8280, -55.6580, -15.5460



127.6930, 29.3860, 18.1060



117.9680, -15.3100, -19.9020

Square

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



127.6930, 29.3860, 18.1060



123.4800, 24.5310, -9.5570



113.6910, -39.3350, -19.5190



121.9210, -33.1500, 6.0660

Rectangle

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



127.6930, 29.3860, 18.1060



125.5560, 36.5410, 4.0690



113.6910, -39.3350, -19.5190



113.1040, -56.2550, -10.2310

Sweetspot

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



127.6930, 29.3860, 18.1060



200.9740, 12.0570, 7.2650



126.6860, 4.9010, 26.8290



100.0550, 7.3350, 4.7350



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.



127.6930, 29.3860, 18.1060



156.4010, 45.2480, 28.0000



132.0980, 32.1390, 6.7550



78.6200, 4.1260, 2.3180



49.3820, 73.7630, 45.3710



6.6640, 9.9940, 6.1060

Inverse Universe

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



127.6930, 29.3860, 18.1060



156.4010, 45.2480, 28.0000



142.9020, -32.1390, -6.7550



78.6200, 4.1260, 2.3180



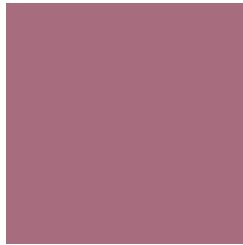
49.3820, 73.7630, 45.3710



6.6640, 9.9940, 6.1060

Previews

White Background



This preview shows how the YIQ color 127.6930, 29.3860, 18.1060 looks on a white background.

Color Contrast Check

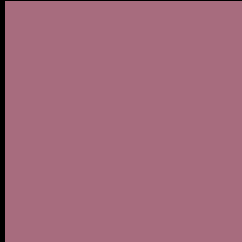
Large Text (above 18pt) WCAG AA ✓ Pass

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 127.6930, 29.3860, 18.1060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

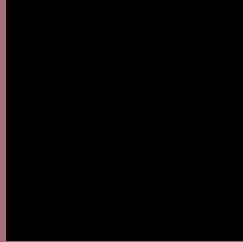
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.6930, 29.3860, 18.1060

Background



This preview shows how black text looks on a background with the YIQ color 127.6930, 29.3860, 18.1060.



This preview shows how white text looks on a background with the YIQ color 127.6930, 29.3860,

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

127.6930, 29.3860, 18.1060

Protanopia

125.3680, -3.8520, 3.7320

Deuteranopia

126.4250, 9.1690, 4.5370



Tritanopia

127.0690, 31.0830, 14.8830

Trichromacy



Original Color

127.6930, 29.3860, 18.1060

Protanomaly

126.1740, 8.6180, 9.0180

Deuteranomaly

126.8930, 16.7790, 9.7950

Tritanomaly

127.4110, 30.1200, 15.8160

Monochromacy



Original Color

127.6930, 29.3860, 18.1060

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

127.9630, 10.5900, 6.3180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.6930, 29.3860, 18.1060 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(167, 108, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 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(167, 108, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 108, 126) }
```

Border

The CSS property to change the border of an element to YIQ 127.6930, 29.3860, 18.1060 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(167, 108, 126) }
```


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

```
.border{ border-color:rgb(167, 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(167, 108, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 108, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 108, 126); box-shadow:4px 4px 4px 4px rgb(167, 108, 126) }
```

Background

The CSS property to change the background color of an element to YIQ 127.6930, 29.3860, 18.1060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 108, 126) }
```

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

```
.background{ background-color: rgb(167,  
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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