

Converting Colors

YIQ(127.3050, 1.6000, 26.0800)

Have a look what the booklet for
YIQ(127.3050, 1.6000, 26.0800)
contains.

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Color

**YIQ(127.3050, 1.6000,
26.0800)**

Conversions

Conversions Part 1

Format	Color
Hex	916EAA
RGB	145, 110, 170
RGB Percent	57%, 43%, 67%
CMY	0.4312, 0.5687, 0.3334
CMYK	0.15, 0.35, 0.00, 0.33
HSL	275°, 26%, 55%
HSV	275°, 35%, 67%
XYZ	24.5116, 20.0732, 40.6077
YIQ	127.3050, 1.6000, 26.0800

Conversions

Conversions Part 2

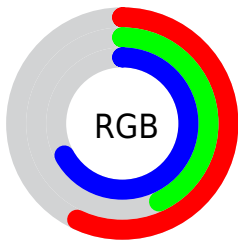
Format	Color
R_{YB}	145, 110, 170
Decimal	9531050
CIE _{Lab}	51.92, 25.50, -26.86
CIE _{LCh}	52, 37.036, 313.515
Yxy	20.0732, 0.2877, 0.2356
Android (android.graphics.Color)	4287721130 (0xFF916EAA)
YUV	127.3050, 21.0486, 15.5185
Hunter-Lab	44.8031, 19.2512, -22.3760

Details

The YIQ color $127.3050, 1.6000, 26.0800$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $152.6950, -1.6000, -26.0800$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.5440, 2.4250, 27.6490$, and $77.6530, 0.5000, 23.9880$ is the 20% darker color. If you saturate the color by 10%, you get $115.2330, 2.1030, 33.4870$, and if you desaturate by 10%, it is $139.3770, 1.0970, 18.6730$.

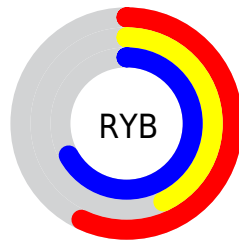
Distribution



Red (57%)

Green (43%)

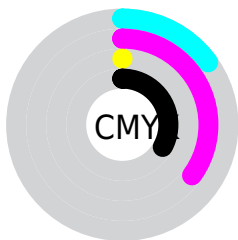
Blue (67%)



Red (57%)

Yellow (43%)

Blue (67%)

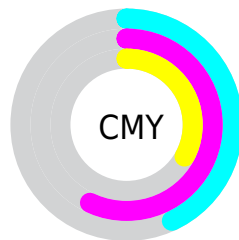


Cyan (15%)

Magenta (35%)

Yellow (0%)

Black (33%)



Cyan (43%)

Magenta (57%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.3050, 1.6000, 26.0800 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 127.3050, 1.6000, 26.0800 by changing the saturation by 10% instead.

127.3050, 1.6000,
26.0800

127.3050, 1.6000,
26.0800

255.0000, -0.0000,
-0.0000

101.7780, 1.6460,
25.2460

180.5440, 2.4250,
27.6490

77.6530, 0.5000,
23.9880

208.0710, 2.3790,
28.4830

54.1260, 0.5460,
23.1540

232.6940, 10.4500,
19.8740

31.3000, -0.0040,
22.1080

249.7170, 2.4750,
4.7070

13.0180, 0.7300,
19.8180

3.4370, -8.3000,
7.2520

0.0000, 0.0000,

0.0000

■ 127.3050, 1.6000,
26.0800

■ 127.3050, 1.6000,
26.0800

■ 115.2330, 2.1030,
33.4870

■ 139.3770, 1.0970,
18.6730

■ 103.1610, 2.6060,
40.8940

■ 151.4490, 0.5940,
11.2660

■ 91.0890, 3.1090,
48.3010

■ 163.5210, 0.0910,
3.8590

■ 79.0170, 3.6120,
55.7080

■ 175.5930, -0.4120,
-3.5480

■ 66.9450, 4.1150,
63.1150

■ 187.6650, -0.9150,
-10.9550

■ 54.8730, 4.6180,
70.5220

■ 199.7370, -1.4180,
-18.3620

■ 48.9810, 4.4340,
73.8580

■ 212.1080, -1.3250,
-25.5570

■ 224.1800, -1.8280,
-32.9640

■ 231.5560, -0.1310,
-36.1870

Harmonies

Analogous

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



122.0060, -34.5270, 14.5050



127.3050, 1.6000, 26.0800



127.0280, 30.3010, 29.0610

Triad

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



127.3050, 1.6000, 26.0800



122.5160, 42.0450, -7.5790



97.9120, -82.7980, -30.3020

Complementary

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



127.3050, 1.6000, 26.0800



152.6950, -1.6000, -26.0800

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.



107.6160, -43.9180, -30.0780



127.3050, 1.6000, 26.0800



119.9600, 22.6990, -20.4130

Square

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



127.3050, 1.6000, 26.0800



124.2050, 50.8910, 8.3230



115.4280, -5.2220, -26.5180



100.0440, -91.5570, -20.2370

Rectangle

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



127.3050, 1.6000, 26.0800



126.0370, 43.2770, 25.1730



115.4280, -5.2220, -26.5180



96.6580, -79.2670, -33.7230

Sweetspot

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



127.3050, 1.6000, 26.0800



204.3350, 0.9150, 10.9550



131.5150, -26.1350, 5.5850



101.9880, 0.2740, 6.0500



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



127.3050, 1.6000, 26.0800



155.7480, 2.3310, 40.3710



134.2100, 18.1050, 29.8250



78.4070, 0.4120, 3.5480



42.5860, 3.7480, 64.2600



5.8680, 0.7320, 8.7640

Inverse Universe

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



130.7900, 27.7350, 20.4950



161.1390, 43.2300, 31.5340



145.7900, -18.1050, -29.8250



78.7340, 3.8050, 2.6290



51.3200, 68.3060, 50.6580



6.8920, 9.3520, 6.7280

Previews

White Background



This preview shows how the YIQ color 127.3050, 1.6000, 26.0800 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 127.3050, 1.6000, 26.0800 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 127.3050, 1.6000, 26.0800

Background



This preview shows how black text looks on a background with the YIQ color 127.3050, 1.6000, 26.0800.



This preview shows how white text looks on a background with the YIQ color 127.3050, 1.6000,

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

127.3050, 1.6000, 26.0800

Protanopia

123.5290, -28.7500, 14.4340

Deuteranopia

124.2540, -20.7260, 12.1860



Tritanopia

125.7070, 8.4350, 6.8270

Trichromacy



Original Color

127.3050, 1.6000, 26.0800

Protanomaly

125.2100, -17.4260, 18.4620

Deuteranomaly

125.6080, -12.7950, 17.1330

Tritanomaly

126.5530, 6.2330, 13.6970

Monochromacy



Original Color

127.3050, 1.6000, 26.0800

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

127.3950, 0.6860, 9.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.3050, 1.6000, 26.0800 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(145, 110, 170)` looks like.

```
.text, #text, p{  
    color:rgb(145, 110, 170)  
}
```

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(145, 110, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 110, 170) }
```

Border

The CSS property to change the border of an element to YIQ 127.3050, 1.6000, 26.0800 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(145, 110, 170) }
```


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

```
.border{ border-color:rgb(145, 110, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 110, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 110, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 110, 170);  
box-shadow:4px 4px 4px 4px rgb(145, 110,  
170) }
```

Background

The CSS property to change the background color of an element to YIQ 127.3050, 1.6000, 26.0800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 110, 170) }
```

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

```
.background{ background-color: rgb(145,  
110, 170) }
```

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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