

Converting Colors

YIQ(126.4800, 17.6450, 38.1650)

Have a look what the booklet for
YIQ(126.4800, 17.6450, 38.1650)
contains.

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Color

**YIQ(126.4800, 17.6450,
38.1650)**

Conversions

Conversions Part 1

Format	Color
Hex	A761AC
RGB	167, 97, 172
RGB Percent	65%, 38%, 67%
CMY	0.3449, 0.6197, 0.3255
CMYK	0.03, 0.44, 0.00, 0.33
HSL	296°, 31%, 53%
HSV	296°, 44%, 67%
XYZ	27.6665, 19.7441, 41.3841
YIQ	126.4800, 17.6450, 38.1650

Conversions

Conversions Part 2

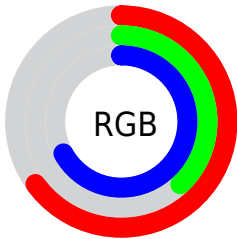
Format	Color
R_{YB}	167, 97, 172
Decimal	10969516
CIE _{Lab}	51.55, 40.22, -28.41
CIE _{LCh}	52, 49.242, 324.759
Yxy	19.7441, 0.3116, 0.2224
Android (android.graphics.Color)	4289159596 (0xFFA761AC)
YUV	126.4800, 22.4414, 35.5360
Hunter-Lab	44.4343, 33.3810, -24.1160

Details

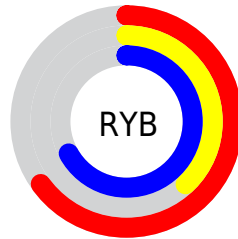
The YIQ color **126.4800, 17.6450, 38.1650** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.5200, -17.6450, -38.1650**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **180.1320, 18.7450, 40.2570**, and **74.9420, 16.2240, 36.3840** is the 20% darker color. If you saturate the color by 10%, you get **116.2020, 21.7240, 46.8440**, and if you desaturate by 10%, it is **136.7580, 13.5660, 29.4860**.

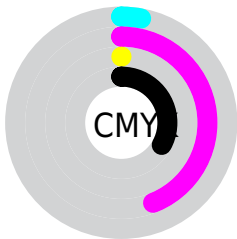
Distribution



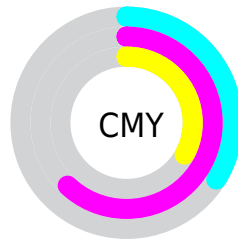
- Red (65%)
- Green (38%)
- Blue (67%)



- Red (65%)
- Yellow (38%)
- Blue (67%)



- Cyan (3%)
- Magenta (44%)
- Yellow (0%)
- Black (33%)





- Cyan (34%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.4800, 17.6450, 38.1650 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 126.4800, 17.6450, 38.1650 by changing the saturation by 10% instead.


 126.4800, 17.6450,
38.1650


 126.4800, 17.6450,
38.1650


255.0000, -0.0000,
-0.0000


 100.6540, 17.0950,
37.1190


 180.4310, 19.3410,
40.4690


 74.9420, 16.2240,
36.3840


 208.6160, 20.2580,
40.3700


 49.0560, 15.9030,
36.6950

 225.6500, 13.7500,
26.1500

 26.5180, 14.4820,
34.9140

 242.0860, 6.0500,
11.5060

 17.7310, 9.0280,
23.6200

 2.9640, -8.3460,
8.0860

 0.0000, 0.0000,

0.0000

126.4800, 17.6450,
38.1650

126.4800, 17.6450,
38.1650

116.2020, 21.7240,
46.8440

136.7580, 13.5660,
29.4860

105.9240, 25.8030,
55.5230

147.0360, 9.4870,
20.8070

95.0590, 30.1570,
64.7250

157.9010, 5.1330,
11.6050

84.7810, 34.2360,
73.4040

168.4780, 1.6500,
3.1380

74.2040, 37.7190,
81.8710

178.7560, -2.4290,
-5.5410

67.7470, 40.7440,
87.6240

189.0340, -6.5080,
-14.2200

■ 199.3120,
-10.5870, -22.8990

■ 210.1770,
-14.9410, -32.1010

■ 220.4550,
-19.0200, -40.7800

Harmonies

Analogous

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



123.4940, -29.6690, 25.5870



126.4800, 17.6450, 38.1650



123.2480, 50.4730, 37.9370

Triad

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



126.4800, 17.6450, 38.1650



118.3620, 47.8700, -19.5380



101.8390, -89.7220, -25.9620

Complementary

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



126.4800, 17.6450, 38.1650



142.5200, -17.6450, -38.1650

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.



96.9370, -75.9190, -39.3350



126.4800, 17.6450, 38.1650



114.6460, 17.2910, -32.5410

Square

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



126.4800, 17.6450, 38.1650



120.4480, 63.0880, 2.0320



106.5450, -27.9610, -38.4330



103.3670, -99.5360, -13.2960

Rectangle

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



126.4800, 17.6450, 38.1650



121.5510, 62.4410, 30.2890



106.5450, -27.9610, -38.4330



100.2430, -85.2280, -30.3160

Sweetspot

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



126.4800, 17.6450, 38.1650



206.3790, 6.7830, 14.7430



108.4850, -25.4500, 20.7100



101.1350, 4.3540, 9.2020



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.



126.4800, 17.6450, 38.1650



153.8150, 27.7280, 59.1840



124.2130, 31.2180, 28.9620



81.4180, 1.8790, 4.4950



59.2590, 35.8860, 76.5420



8.9010, 5.1330, 11.6050

Inverse Universe

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



119.9950, 43.0950, 17.4550



143.4820, 66.8890, 26.7690



144.6730, -30.8970, -29.2730



80.8050, 5.0430, 2.2190



45.9900, 86.1900, 34.9100



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 126.4800, 17.6450, 38.1650 looks on a white background.

Color Contrast Check

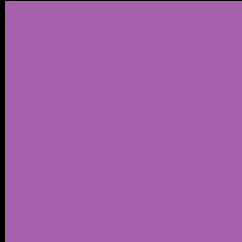
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.4800, 17.6450, 38.1650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

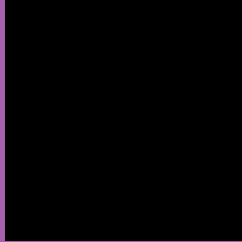
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.4800, 17.6450, 38.1650

Background



This preview shows how black text looks on a background with the YIQ color 126.4800, 17.6450, 38.1650.



This preview shows how white text looks on a background with the YIQ color 126.4800, 17.6450,

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

126.4800, 17.6450, 38.1650

Protanopia

121.9180, -37.0950, 16.9930

Deuteranopia

123.5420, -21.5970, 11.4510



Tritanopia

125.1610, 27.8280, 13.3000

Trichromacy



Original Color

126.4800, 17.6450, 38.1650

Protanomaly

123.3120, -17.4730, 24.8230

Deuteranomaly

124.7660, -7.2480, 21.2320

Tritanomaly

125.9900, 24.2960, 22.2480

Monochromacy



Original Color

126.4800, 17.6450, 38.1650

Achromatopsia

126.0000, 0.0000, 0.0000

Achromatomaly

125.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.4800, 17.6450, 38.1650 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, 97, 172)` looks like.

```
.text, #text, p{  
    color:rgb(167, 97, 172)  
}
```

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, 97, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 97, 172) }
```

Border

The CSS property to change the border of an element to YIQ 126.4800, 17.6450, 38.1650 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, 97, 172) }
```


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

```
.border{ border-color:rgb(167, 97, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 97, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 97, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 97, 172);  
box-shadow:4px 4px 4px 4px rgb(167, 97,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 126.4800, 17.6450, 38.1650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 97, 172) }
```

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

```
.background{ background-color: rgb(167, 97,  
172) }
```

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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