

Converting Colors

YIQ(126.8960, 21.8650, 27.7610)

Have a look what the booklet for
YIQ(126.8960, 21.8650, 27.7610)
contains.

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Color

**YIQ(126.8960, 21.8650,
27.7610)**

Conversions

Conversions Part 1

Format	Color
Hex	A56796
RGB	165, 103, 150
RGB Percent	65%, 40%, 59%
CMY	0.3528, 0.5962, 0.4117
CMYK	0.00, 0.38, 0.09, 0.35
HSL	315°, 26%, 53%
HSV	315°, 38%, 65%
XYZ	25.8802, 19.9019, 31.3370
YIQ	126.8960, 21.8650, 27.7610

Conversions

Conversions Part 2

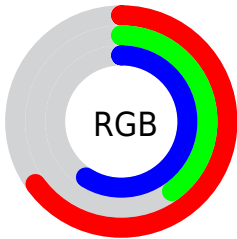
Format	Color
R_{YB}	165, 103, 150
Decimal	10839958
CIE _{Lab}	51.73, 32.15, -15.28
CIE _{LCh}	52, 35.598, 334.584
Yxy	19.9019, 0.3356, 0.2581
Android (android.graphics.Color)	4289030038 (0xFFA56796)
YUV	126.8960, 11.3903, 33.4172
Hunter-Lab	44.6116, 25.4815, -10.4196

Details

The YIQ color **126.8960, 21.8650, 27.7610** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **141.1040, -21.8650, -27.7610**, and the grayscale version is **127.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **180.3200, 23.6070, 29.2310**, and **76.4720, 20.1230, 26.2910** is the 20% darker color. If you saturate the color by 10%, you get **116.4610, 27.8240, 35.4080**, and if you desaturate by 10%, it is **136.7440, 16.1810, 20.6370**.

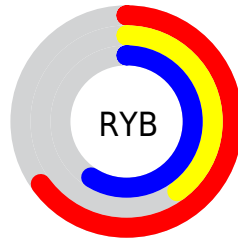
Distribution



Red (65%)

Green (40%)

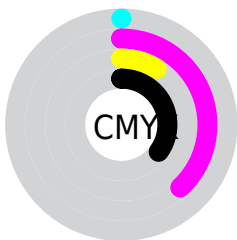
Blue (59%)



Red (65%)

Yellow (40%)

Blue (59%)

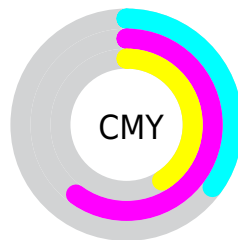


Cyan (0%)

Magenta (38%)

Yellow (9%)

Black (35%)



Cyan (35%)

Magenta (60%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 126.8960, 21.8650, 27.7610 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 126.8960, 21.8650, 27.7610 by changing the saturation by 10% instead.

126.8960, 21.8650,
27.7610

126.8960, 21.8650,
27.7610

255.0000, -0.0000,
-0.0000

101.1840, 20.9940,
27.0260

180.3200, 23.6070,
29.2310

76.4720, 20.1230,
26.2910

208.0320, 24.4780,
29.9660

51.8740, 18.9310,
25.8670

228.5850, 12.3750,
23.5350

26.8140, 19.1600,
27.2240

245.6080, 4.4000,
8.3680

15.7930, 14.4850,
18.3330

0.2280, -0.6420,
0.6220

0.0000, 0.0000,

0.0000

■ 126.8960, 21.8650,
27.7610

■ 126.8960, 21.8650,
27.7610

■ 116.4610, 27.8240,
35.4080

■ 136.7440, 16.1810,
20.6370

■ 106.6130, 33.5080,
42.5320

■ 147.1790, 10.2220,
12.9900

■ 96.1780, 39.4670,
50.1790

■ 157.0270, 4.5380,
5.8660

■ 86.3300, 45.1510,
57.3030

■ 167.4620, -1.4210,
-1.7810

■ 75.8950, 51.1100,
64.9500

■ 177.8970, -7.3800,
-9.4280

■ 66.0470, 56.7940,
72.0740

■ 187.7450,
-13.0640, -16.5520

63.5850, 58.2150,
73.8550

198.1800,
-19.0230, -24.1990

208.0280,
-24.7070, -31.3230

218.4630,
-30.6660, -38.9700

Harmonies

Analogous

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



126.2220, -8.5320, 22.4760



126.8960, 21.8650, 27.7610



125.0260, 41.8100, 24.2260

Triad

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



126.8960, 21.8650, 27.7610



120.4170, 28.8420, -16.1020



98.9040, -88.3470, -23.3470

Complementary

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



126.8960, 21.8650, 27.7610



141.1040, -21.8650, -27.7610

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.



96.0710, -78.9920, -33.2000



126.8960, 21.8650, 27.7610



117.3860, 3.7640, -24.1720

Square

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



126.8960, 21.8650, 27.7610



122.3470, 44.1990, -2.5610



111.0970, -29.1550, -27.8030



98.3630, -93.7130, -14.2010

Rectangle

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



126.8960, 21.8650, 27.7610



124.2190, 48.2760, 17.1720



111.0970, -29.1550, -27.8030



98.4650, -85.7330, -26.6690

Sweetspot

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



126.8960, 21.8650, 27.7610



199.8150, 8.2510, 10.1630



114.2540, -11.5580, 22.2500



98.4400, 4.8130, 6.3890



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



126.8960, 21.8650, 27.7610



155.0260, 33.7830, 43.0550



123.4760, 31.4950, 18.4310



76.4890, 3.1170, 4.0850



55.8950, 51.1100, 64.9500



6.9780, 6.2340, 8.1700

Inverse Universe

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



126.8960, 21.8650, 27.7610



155.0260, 33.7830, 43.0550



144.5240, -31.4950, -18.4310



76.4890, 3.1170, 4.0850



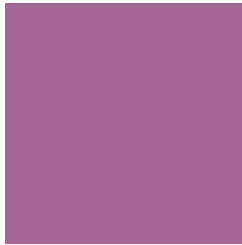
55.8950, 51.1100, 64.9500



6.9780, 6.2340, 8.1700

Previews

White Background



This preview shows how the YIQ color 126.8960, 21.8650, 27.7610 looks on a white background.

Color Contrast Check

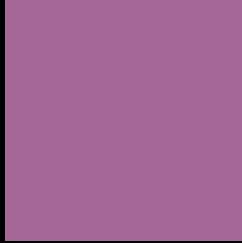
Large Text (above 18pt) WCAG AA ✓ Pass

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 126.8960, 21.8650, 27.7610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

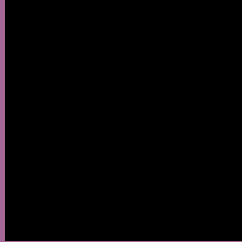
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 126.8960, 21.8650, 27.7610

Background



This preview shows how black text looks on a background with the YIQ color 126.8960, 21.8650, 27.7610.



This preview shows how white text looks on a background with the YIQ color 126.8960, 21.8650,

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

126.8960, 21.8650, 27.7610

Protanopia

123.7980, -19.4420, 10.9420

Deuteranopia

124.8610, -6.5580, 8.7220



Tritanopia

125.5740, 28.1030, 13.8230

Trichromacy



Original Color

126.8960, 21.8650, 27.7610

Protanomaly

124.8000, -4.5880, 17.0760

Deuteranomaly

125.3510, 3.9860, 15.8740

Tritanomaly

126.0670, 25.3970, 18.8130

Monochromacy



Original Color

126.8960, 21.8650, 27.7610

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.8150, 8.2510, 10.1630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8960, 21.8650, 27.7610 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(165, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(165, 103, 150)  
}
```

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(165, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 103, 150) }
```

Border

The CSS property to change the border of an element to YIQ 126.8960, 21.8650, 27.7610 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(165, 103, 150) }
```


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

```
.border{ border-color:rgb(165, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 103, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 103, 150);  
box-shadow:4px 4px 4px 4px rgb(165, 103,  
150) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8960, 21.8650, 27.7610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 103, 150) }
```

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

```
.background{ background-color: rgb(165,  
103, 150) }
```

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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