

Converting Colors

YIQ(145.8690, 17.3270, 21.8950)

Have a look what the booklet for
YIQ(145.8690, 17.3270, 21.8950)
contains.

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Color

**YIQ(145.8690, 17.3270,
21.8950)**

Conversions

Conversions Part 1

Format	Color
Hex	B07FA4
RGB	176, 127, 164
RGB Percent	69%, 50%, 64%
CMY	0.3097, 0.5020, 0.3568
CMYK	0.00, 0.28, 0.07, 0.31
HSL	315°, 24%, 59%
HSV	315°, 28%, 69%
XYZ	32.2010, 27.0884, 38.6582
YIQ	145.8690, 17.3270, 21.8950

Conversions

Conversions Part 2

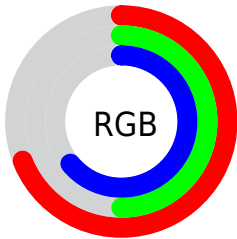
Format	Color
R_{YB}	176, 127, 164
Decimal	11567012
CIE _{Lab}	59.06, 25.04, -12.21
CIE _{LCh}	59, 27.864, 334.004
Yxy	27.0884, 0.3288, 0.2766
Android (android.graphics.Color)	4289757092 (0xFFB07FA4)
YUV	145.8690, 8.9386, 26.4249
Hunter-Lab	52.0465, 19.3560, -7.6058

Details

The YIQ color **145.8690, 17.3270, 21.8950** is a light color, and the websafe version is hex **996699**. A complement of this color would be **157.1310, -17.3270, -21.8950**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **199.9940, 18.4730, 23.1530**, and **94.7440, 16.1810, 20.6370** is the 20% darker color. If you saturate the color by 10%, you get **134.8470, 23.5610, 30.0650**, and if you desaturate by 10%, it is **156.8910, 11.0930, 13.7250**.

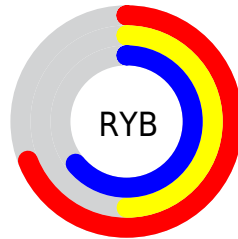
Distribution



Red (69%)

Green (50%)

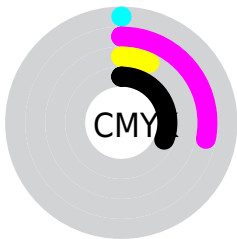
Blue (64%)



Red (69%)

Yellow (50%)

Blue (64%)

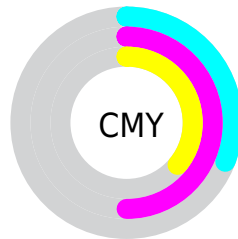


Cyan (0%)

Magenta (28%)

Yellow (7%)

Black (31%)



Cyan (31%)


Magenta (50%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 145.8690, 17.3270, 21.8950 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 145.8690, 17.3270, 21.8950 by changing the saturation by 10% instead.


 145.8690, 17.3270,
21.8950


 145.8690, 17.3270,
21.8950


255.0000, -0.0000,
-0.0000

 120.1570, 16.4560,
21.1600


 199.9940, 18.4730,
23.1530


 94.7440, 16.1810,
20.6370


 226.6130, 15.1720,
22.4040

 70.7330, 14.7140,
19.6900

 243.8470, 5.2250,
9.9370

 47.3200, 14.4390,
19.1670

 24.1350, 13.5220,
19.2660

 11.4780, 10.8180,
13.2020

 0.0000, 0.0000,

0.0000

■ 145.8690, 17.3270,
21.8950

■ 145.8690, 17.3270,
21.8950

■ 134.8470, 23.5610,
30.0650

■ 156.8910, 11.0930,
13.7250

■ 124.2980, 29.8410,
37.4010

■ 167.4400, 4.8130,
6.3890

■ 113.2760, 36.0750,
45.5710

■ 178.4620, -1.4210,
-1.7810

■ 102.8410, 42.0340,
53.2180

■ 188.8970, -7.3800,
-9.4280

■ 91.7050, 48.5890,
61.0770

■ 200.0330,
-13.9350, -17.2870

■ 80.6830, 54.8230,
69.2470

■ 211.0550,
-20.1690, -25.4570

70.2480, 60.7820,
76.8940

221.4900,
-26.1280, -33.1040

67.7860, 62.2030,
78.6750

224.9950,
-29.1080, -34.1640

225.4510,
-30.3920, -32.9200

Harmonies

Analogous

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



144.9570, -6.4680, 18.1080



145.8690, 17.3270, 21.8950



145.2590, 33.6040, 18.7560

Triad

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



145.8690, 17.3270, 21.8950



140.6000, 24.0730, -12.2710



128.1910, -61.1140, -15.7860

Complementary

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



145.8690, 17.3270, 21.8950



157.1310, -17.3270, -21.8950

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.



129.9290, -45.9370, -21.0170



145.8690, 17.3270, 21.8950



137.8470, 4.0840, -18.9560

Square

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



145.8690, 17.3270, 21.8950



142.2800, 37.1380, -1.2460



134.2770, -20.6740, -21.8100



132.4620, -54.1470, -4.3790

Rectangle

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



145.8690, 17.3270, 21.8950



144.5060, 39.9780, 13.3700



134.2770, -20.6740, -21.8100



127.5780, -57.9500, -18.0620

Sweetspot

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



145.8690, 17.3270, 21.8950



218.2770, 6.8300, 8.3820



135.8750, -9.1730, 17.5710



107.6140, 4.2630, 5.3430



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



145.8690, 17.3270, 21.8950



183.2220, 26.9990, 33.8390



143.1330, 25.0310, 14.4310



83.4890, 3.1170, 4.0850



58.8570, 54.2730, 68.2010



9.9400, 9.3970, 11.4210

Inverse Universe

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



145.8690, 17.3270, 21.8950



183.2220, 26.9990, 33.8390



159.8670, -25.0310, -14.4310



83.4890, 3.1170, 4.0850



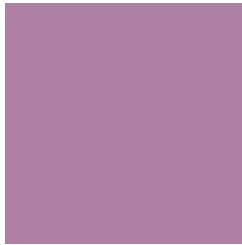
58.8570, 54.2730, 68.2010



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 145.8690, 17.3270, 21.8950 looks on a white background.

Color Contrast Check

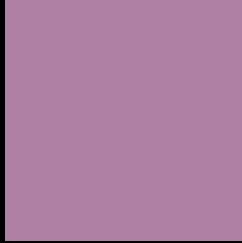
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8690, 17.3270, 21.8950 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 145.8690, 17.3270, 21.8950

Background



This preview shows how black text looks on a background with the YIQ color 145.8690, 17.3270, 21.8950.



This preview shows how white text looks on a background with the YIQ color 145.8690, 17.3270,

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

145.8690, 17.3270, 21.8950

Protanopia

142.8540, -13.8480, 8.6800

Deuteranopia

144.0140, -2.6150, 8.8490



Tritanopia

144.6980, 21.8220, 12.0140

Trichromacy



Original Color

145.8690, 17.3270, 21.8950

Protanomaly

144.0620, -2.5700, 13.5420

Deuteranomaly

145.0690, 4.7200, 13.5840

Tritanomaly

145.3220, 20.1250, 15.2370

Monochromacy



Original Color

145.8690, 17.3270, 21.8950

Achromatopsia

146.0000, -0.0000, -0.0000

Achromatomaly

145.9780, 6.2340, 8.1700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 145.8690, 17.3270, 21.8950 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(176, 127, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 127, 164)  
}
```

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(176, 127, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 127, 164) }
```

Border

The CSS property to change the border of an element to YIQ 145.8690, 17.3270, 21.8950 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(176, 127, 164) }
```


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

```
.border{ border-color:rgb(176, 127, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 127, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 127, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 127, 164);  
box-shadow:4px 4px 4px 4px rgb(176, 127,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 145.8690, 17.3270, 21.8950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 127, 164) }
```

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

```
.background{ background-color: rgb(176,  
127, 164) }
```

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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