

Converting Colors

YIQ(146.8030, 17.6930, 26.2770)

Have a look what the booklet for
YIQ(146.8030, 17.6930, 26.2770)
contains.

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Color

**YIQ(146.8030, 17.6930,
26.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	B47DAC
RGB	180, 125, 172
RGB Percent	71%, 49%, 67%
CMY	0.2940, 0.5099, 0.3255
CMYK	0.00, 0.31, 0.04, 0.29
HSL	309°, 27%, 60%
HSV	309°, 31%, 71%
XYZ	33.6098, 27.3485, 42.5414
YIQ	146.8030, 17.6930, 26.2770

Conversions

Conversions Part 2

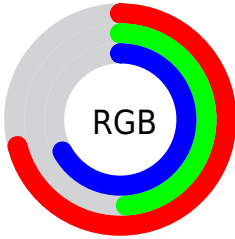
Format	Color
R_{YB}	180, 125, 172
Decimal	11828652
CIE _{Lab}	59.30, 29.02, -16.39
CIE _{LCh}	59, 33.332, 330.544
Yxy	27.3485, 0.3247, 0.2642
Android (android.graphics.Color)	4290018732 (0xFFB47DAC)
YUV	146.8030, 12.4221, 29.1138
Hunter-Lab	52.2958, 23.2020, -11.6240

Details

The YIQ color **146.8030, 17.6930, 26.2770** is a light color, and the websafe version is hex **996699**. A complement of this color would be **158.1970, -17.6930, -26.2770**, and the grayscale version is **147.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2270, 19.4350, 27.7470**, and **95.3790, 15.9510, 24.8070** is the 20% darker color. If you saturate the color by 10%, you get **135.8950, 23.6060, 34.7580**, and if you desaturate by 10%, it is **157.7110, 11.7800, 17.7960**.

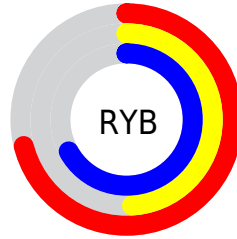
Distribution



Red (71%)

Green (49%)

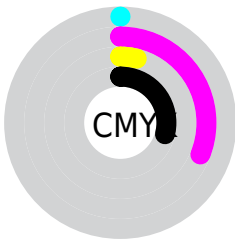
Blue (67%)



Red (71%)

Yellow (49%)

Blue (67%)

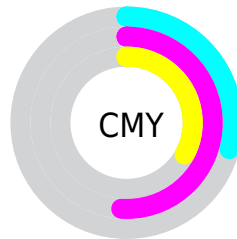


Cyan (0%)

Magenta (31%)

Yellow (4%)

Black (29%)



Cyan (29%)

Magenta (51%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.8030, 17.6930, 26.2770 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 146.8030, 17.6930, 26.2770 by changing the saturation by 10% instead.

■ 146.8030, 17.6930,
26.2770

■ 146.8030, 17.6930,
26.2770

■ 255.0000, -0.0000,
-0.0000

■ 120.9770, 17.1430,
25.2310

■ 201.2270, 19.4350,
27.7470

■ 95.3790, 15.9510,
24.8070

■ 226.2370, 13.4750,
25.6270

■ 70.9660, 15.6760,
24.2840

■ 242.6730, 5.7750,
10.9830

■ 47.2540, 14.8050,
23.5490

■ 23.3680, 14.4840,
23.8600

■ 13.0590, 10.6800,
15.7040

■ 0.0000, 0.0000,

0.0000

■ 146.8030, 17.6930,
26.2770

■ 146.8030, 17.6930,
26.2770

■ 135.8950, 23.6060,
34.7580

■ 157.7110, 11.7800,
17.7960

■ 125.1010, 29.1980,
43.5500

■ 168.5050, 6.1880,
9.0040

■ 114.1930, 35.1110,
52.0310

■ 179.4130, 0.2750,
0.5230

■ 103.3990, 40.7030,
60.8230

■ 190.3210, -5.6380,
-7.9580

■ 92.4910, 46.6160,
69.3040

■ 201.1150,
-11.2300, -16.7500

■ 81.5830, 52.5290,
77.7850

■ 212.0230,
-17.1430, -25.2310

71.3760, 57.8460,
86.0540

222.8170,
-22.7350, -34.0230

225.5070,
-24.7980, -35.1820

225.8490,
-25.7610, -34.2490

Harmonies

Analogous

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



145.2000, -11.4660, 20.5820



146.8030, 17.6930, 26.2770



145.9440, 39.1050, 23.6890

Triad

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



146.8030, 17.6930, 26.2770



140.4820, 30.2170, -13.4870



115.3440, -92.7020, -27.0220

Complementary

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



146.8030, 17.6930, 26.2770



158.1970, -17.6930, -26.2770

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.



125.3790, -56.2520, -26.8120



146.8030, 17.6930, 26.2770



137.5930, 7.6150, -22.3770

Square

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



146.8030, 17.6930, 26.2770



142.8140, 44.3820, -0.3700



133.1580, -21.9570, -26.0930



125.8660, -76.0160, -10.0320

Rectangle

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



146.8030, 17.6930, 26.2770



144.9630, 46.1210, 17.6810



133.1580, -21.9570, -26.0930



118.3900, -81.1480, -27.1640

Sweetspot

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



146.8030, 17.6930, 26.2770



221.7440, 7.0130, 10.5730



133.3630, -13.4830, 18.5890



109.1410, 4.2170, 6.1770



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



146.8030, 17.6930, 26.2770



182.4490, 28.0980, 41.4580



143.7250, 26.3600, 17.8800



83.6030, 2.7960, 4.3960



60.6810, 49.1370, 73.1770



10.2820, 8.4340, 12.3540

Inverse Universe

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



146.8030, 17.6930, 26.2770



182.4490, 28.0980, 41.4580



161.2750, -26.3600, -17.8800



83.6030, 2.7960, 4.3960



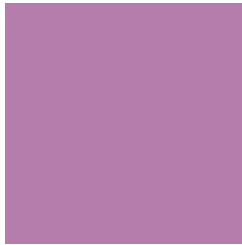
60.6810, 49.1370, 73.1770



10.2820, 8.4340, 12.3540

Previews

White Background



This preview shows how the YIQ color 146.8030, 17.6930, 26.2770 looks on a white background.

Color Contrast Check

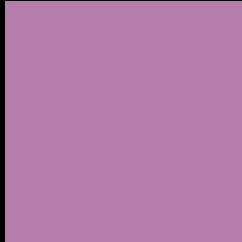
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.8030, 17.6930, 26.2770 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

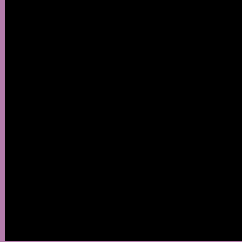
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.8030, 17.6930, 26.2770

Background



This preview shows how black text looks on a background with the YIQ color 146.8030, 17.6930, 26.2770.



This preview shows how white text looks on a background with the YIQ color 146.8030, 17.6930,

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

146.8030, 17.6930, 26.2770

Protanopia

143.7980, -19.4420, 10.9420

Deuteranopia

144.5020, -6.9250, 9.8670



Tritanopia

145.5950, 23.6100, 12.6500

Trichromacy



Original Color

146.8030, 17.6930, 26.2770

Protanomaly

144.9030, -6.3760, 16.4400

Deuteranomaly

145.5680, 1.8770, 15.5490

Tritanomaly

145.9740, 21.2250, 17.3290

Monochromacy



Original Color

146.8030, 17.6930, 26.2770

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9180, 6.4630, 9.5270

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.8030, 17.6930, 26.2770 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(180, 125, 172)` looks like.

```
.text, #text, p{  
    color:rgb(180, 125, 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(180, 125, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 172) }
```

Border

The CSS property to change the border of an element to YIQ 146.8030, 17.6930, 26.2770 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(180, 125, 172) }
```


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

```
.border{ border-color:rgb(180, 125, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 125, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 125, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 125, 172);  
box-shadow:4px 4px 4px 4px rgb(180, 125,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 146.8030, 17.6930, 26.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 125, 172) }
```

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

```
.background{ background-color: rgb(180,  
125, 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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