

Converting Colors

YIQ(146.6820, 19.8920, 35.9880)

Have a look what the booklet for
YIQ(146.6820, 19.8920, 35.9880)
contains.

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Color

**YIQ(146.6820, 19.8920,
35.9880)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | BC76BA |
| RGB | 188, 118, 186 |
| RGB Percent | 74%, 46%, 73% |
| CMY | 0.2625, 0.5374, 0.2706 |
| CMYK | 0.00, 0.37, 0.01, 0.26 |
| HSL | 302°, 34%, 60% |
| HSV | 302°, 37%, 74% |
| XYZ | 36.0908, 27.1936, 49.8048 |
| YIQ | 146.6820, 19.8920, 35.9880 |

Conversions

Conversions Part 2

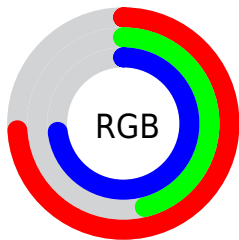
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 188, 118, 186 |
| Decimal | 12351162 |
| CIE Lab | 59.15, 38.13, -24.52 |
| CIE LCh | 59, 45.338, 327.252 |
| Yxy | 27.1936, 0.3191, 0.2405 |
| Android (android.graphics.Color) | 4290541242 (0xFFBC76BA) |
| YUV | 146.6820, 19.3838, 36.2359 |
| Hunter-Lab | 52.1475, 32.2802, -20.1233 |

Details

The YIQ color **146.6820, 19.8920, 35.9880** is a light color, and the websafe version is hex **996699**. A complement of this color would be **159.3180, -19.8920, -35.9880**, and the grayscale version is **146.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **201.2200, 21.3130, 37.7690**, and **94.2580, 18.1500, 34.5180** is the 20% darker color. If you saturate the color by 10%, you get **135.4150, 25.4380, 45.6140**, and if you desaturate by 10%, it is **157.9490, 14.3460, 26.3620**.

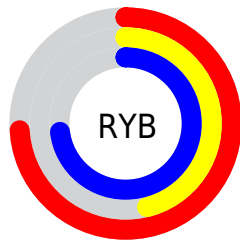
Distribution



Red (74%)

Green (46%)

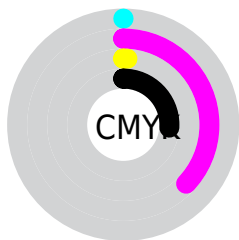
Blue (73%)



Red (74%)

Yellow (46%)

Blue (73%)

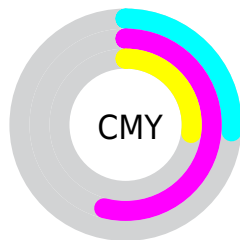


Cyan (0%)

Magenta (37%)

Yellow (1%)

Black (26%)



Cyan (26%)

Magenta (54%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.6820, 19.8920, 35.9880 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 146.6820, 19.8920, 35.9880 by changing the saturation by 10% instead.

■ 146.6820, 19.8920,
35.9880

■ 146.6820, 19.8920,
35.9880

255.0000, -0.0000,
-0.0000

■ 119.9700, 19.0210,
35.2530

■ 201.2200, 21.3130,
37.7690

■ 94.2580, 18.1500,
34.5180

■ 222.1280, 15.4000,
29.2880

■ 69.4320, 17.6000,
33.4720

■ 239.1510, 7.4250,
14.1210

■ 43.9590, 17.5540,
34.3060

■ 23.7690, 15.0330,
30.4330

■ 15.3950, 9.8540,
19.6620

■ 2.1830, -4.7690,

3.8310

■ 0.0000, 0.0000,
0.0000

■ 146.6820, 19.8920,
35.9880

■ 146.6820, 19.8920,
35.9880

■ 135.4150, 25.4380,
45.6140

■ 157.9490, 14.3460,
26.3620

■ 124.2620, 30.6630,
55.5510

■ 169.1020, 9.1210,
16.4250

■ 113.5820, 35.9340,
64.6540

■ 179.7820, 3.8500,
7.3220

■ 102.4290, 41.1590,
74.5910

■ 190.9350, -1.3750,
-2.6150

■ 91.1620, 46.7050,
84.2170

■ 202.2020, -6.9210,
-12.2410

80.0090, 51.9300,
94.1540

213.3550,
-12.1460, -22.1780

77.0740, 53.3050,
96.7690

224.6220,
-17.6920, -31.8040

227.5570,
-19.0670, -34.4190

227.6710,
-19.3880, -34.1080

Harmonies

Analogous

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



143.9140, -22.1040, 26.1520



146.6820, 19.8920, 35.9880



144.5420, 49.4650, 34.1770

Triad

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



146.6820, 19.8920, 35.9880



138.9640, 43.2390, -18.2090



115.3860, -101.6880, -29.3680

Complementary

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



146.6820, 19.8920, 35.9880



159.3180, -19.8920, -35.9880

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.



110.7120, -88.5270, -42.1190



146.6820, 19.8920, 35.9880



135.0740, 13.2100, -30.1660

Square

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



146.6820, 19.8920, 35.9880



140.9530, 60.1080, 0.9720



128.1260, -28.0990, -35.9310



115.9850, -110.2640, -17.1120

Rectangle

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



146.6820, 19.8920, 35.9880



142.6600, 60.5160, 26.6280



128.1260, -28.0990, -35.9310



114.4910, -97.7900, -33.9340

Sweetspot

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



146.6820, 19.8920, 35.9880



229.0370, 7.7460, 13.8100



126.2790, -21.8740, 21.9820



112.6080, 4.4000, 8.3680



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



146.6820, 19.8920, 35.9880



180.0880, 31.2130, 56.5970



142.8060, 30.8060, 25.4140



88.7170, 2.4750, 4.7070



64.6840, 45.0550, 81.0790



12.6890, 8.8460, 15.9020

Inverse Universe

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



146.6820, 19.8920, 35.9880



180.0880, 31.2130, 56.5970



163.1940, -30.8060, -25.4140



88.7170, 2.4750, 4.7070



64.6840, 45.0550, 81.0790



12.6890, 8.8460, 15.9020

Previews

White Background



This preview shows how the YIQ color 146.6820, 19.8920, 35.9880 looks on a white background.

Color Contrast Check

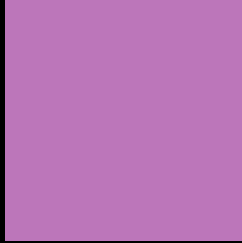
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.6820, 19.8920, 35.9880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

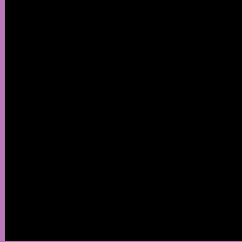
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.6820, 19.8920, 35.9880

Background



This preview shows how black text looks on a background with the YIQ color 146.6820, 19.8920, 35.9880.



This preview shows how white text looks on a background with the YIQ color 146.6820, 19.8920,

35.9880.

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

146.6820, 19.8920, 35.9880

Protanopia

142.6860, -30.6300, 15.4660

Deuteranopia

143.5920, -15.8660, 12.2140



Tritanopia

145.2860, 28.9740, 14.5580

Trichromacy



Original Color

146.6820, 19.8920, 35.9880

Protanomaly

144.4820, -12.2000, 22.8720

Deuteranomaly

144.6910, -2.6630, 20.7370

Tritanomaly

145.4740, 25.8090, 22.3610

Monochromacy



Original Color

146.6820, 19.8920, 35.9880

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.6240, 7.4710, 13.2870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.6820, 19.8920, 35.9880 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(188, 118, 186)` looks like.

```
.text, #text, p{  
    color:rgb(188, 118, 186)  
}
```

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(188, 118, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 118, 186) }
```

Border

The CSS property to change the border of an element to YIQ 146.6820, 19.8920, 35.9880 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(188, 118, 186) }
```


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

```
.border{ border-color:rgb(188, 118, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 118, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 118, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 118, 186);  
box-shadow:4px 4px 4px 4px rgb(188, 118,  
186) }
```

Background

The CSS property to change the background color of an element to YIQ 146.6820, 19.8920, 35.9880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 118, 186) }
```

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

```
.background{ background-color: rgb(188,  
118, 186) }
```

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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