

Converting Colors

YIQ(166.6010, 6.2780, 18.3900)

Have a look what the booklet for
YIQ(166.6010, 6.2780, 18.3900)
contains.

| | |
|--|----|
| YIQ(166.6010, 6.2780, 18.3900) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(166.6010, 6.2780,
18.3900)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B899BF |
| RGB | 184, 153, 191 |
| RGB Percent | 72%, 60%, 75% |
| CMY | 0.2783, 0.4000, 0.2510 |
| CMYK | 0.04, 0.20, 0.00, 0.25 |
| HSL | 289°, 23%, 67% |
| HSV | 289°, 20%, 75% |
| XYZ | 40.5661, 36.7332, 54.2417 |
| YIQ | 166.6010, 6.2780, 18.3900 |

Conversions

Conversions Part 2

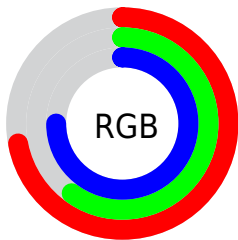
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 153, 191 |
| Decimal | 12097983 |
| CIELab | 67.08, 18.37, -15.31 |
| CIELCh | 67, 23.911, 320.184 |
| Yxy | 36.7332, 0.3084, 0.2793 |
| Android (android.graphics.Color) | 4290288063 (0xFFB899BF) |
| YUV | 166.6010, 12.0287, 15.2589 |
| Hunter-Lab | 60.6079, 13.4098, -10.6367 |

Details

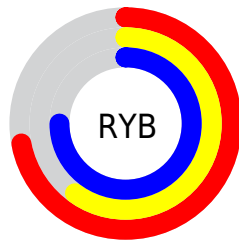
The YIQ color **166.6010, 6.2780, 18.3900** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **177.3990, -6.2780, -18.3900**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4270, 6.8280, 19.4360**, and **114.7750, 5.7280, 17.3440** is the 20% darker color. If you saturate the color by 10%, you get **154.5510, 9.7150, 27.6910**, and if you desaturate by 10%, it is **178.9500, 3.4370, 9.3010**.

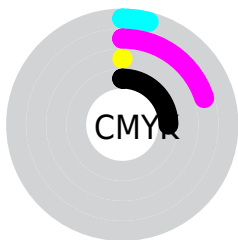
Distribution



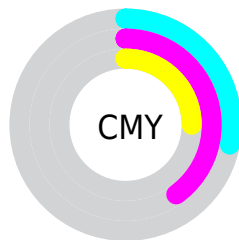
- Red (72%)
- Green (60%)
- Blue (75%)



- Red (72%)
- Yellow (60%)
- Blue (75%)



- Cyan (4%)
- Magenta (20%)
- Yellow (0%)
- Black (25%)



- Cyan (28%)
- Magenta (40%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.6010, 6.2780, 18.3900 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 166.6010, 6.2780, 18.3900 by changing the saturation by 10% instead.

■ 166.6010, 6.2780,
18.3900

■ 166.6010, 6.2780,
18.3900

■ 255.0000, -0.0000,
-0.0000

■ 140.1880, 6.0030,
17.8670

■ 221.4270, 6.8280,
19.4360

■ 114.7750, 5.7280,
17.3440

■ 243.8470, 5.2250,
9.9370

■ 89.9490, 5.1780,
16.2980

■ 65.9490, 5.1780,
16.2980

■ 43.7100, 4.3530,
14.7290

■ 22.2970, 4.0780,
14.2060

■ 3.2910, -4.9530,

7.1670

■ 0.0000, 0.0000,
0.0000

■ 166.6010, 6.2780,
18.3900

■ 166.6010, 6.2780,
18.3900

■ 154.5510, 9.7150,
27.6910

■ 178.9500, 3.4370,
9.3010

■ 142.2020, 12.5560,
36.7800

■ 191.0000, -0.0000,
-0.0000

■ 130.1520, 15.9930,
46.0810

■ 203.3490, -2.8410,
-9.0890

■ 117.8030, 18.8340,
55.1700

■ 215.3990, -6.2780,
-18.3900

■ 105.1660, 22.5460,
64.9940

■ 227.7480, -9.1190,
-27.4790

■ 92.8170, 25.3870,
74.0830

■ 232.7540, -9.2560,
-30.5040

■ 80.4680, 28.2280,
83.1720

■ 233.9500, -6.8720,
-29.6560

■ 68.4180, 31.6650,
92.4730

■ 234.8470, -5.0840,
-29.0200

■ 236.0430, -2.7000,
-28.1720

Harmonies

Analogous

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



164.0050, -15.5910, 12.7370



166.6010, 6.2780, 18.3900



166.7680, 24.8010, 18.6010

Triad

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



166.6010, 6.2780, 18.3900



162.7410, 28.2900, -6.0940



153.1020, -44.7460, -15.0660

Complementary

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



166.6010, 6.2780, 18.3900



177.3990, -6.2780, -18.3900

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.



155.0790, -28.7440, -18.7280



166.6010, 6.2780, 18.3900



160.5000, 12.6110, -13.7970

Square

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



166.6010, 6.2780, 18.3900



164.8440, 35.6700, 3.3340



157.9150, -7.7910, -18.5030



155.2900, -47.9110, -7.2630

Rectangle

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



166.6010, 6.2780, 18.3900



166.6670, 32.2750, 15.3070



157.9150, -7.7910, -18.5030



153.5000, -40.1150, -16.3950

Sweetspot

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



166.6010, 6.2780, 18.3900



238.1840, 2.6580, 6.8980



162.0280, -14.3980, 7.6340



119.1190, 1.2830, 4.2830



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



166.6010, 6.2780, 18.3900



209.0780, 9.6690, 28.5250



167.4400, 13.9810, 16.4530



88.4180, 1.8790, 4.4950



56.5830, 26.1660, 76.4860



11.0090, 4.9490, 14.9410

Inverse Universe

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



165.1600, 20.4010, 10.2330



206.8950, 31.6330, 15.9290



176.5600, -13.9810, -16.4530



87.9190, 4.7220, 2.5300



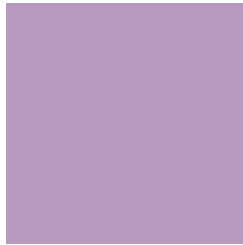
50.5480, 84.8590, 42.5150



9.9530, 16.5500, 8.4380

Previews

White Background



This preview shows how the YIQ color 166.6010, 6.2780, 18.3900 looks on a white background.

Color Contrast Check

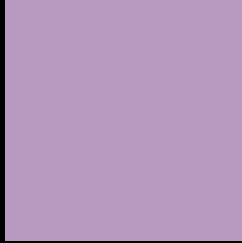
Large Text (above 18pt) WCAG AA × Fail

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 166.6010, 6.2780, 18.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

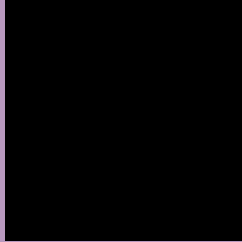
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.6010, 6.2780, 18.3900

Background



This preview shows how black text looks on a background with the YIQ color 166.6010, 6.2780, 18.3900.



This preview shows how white text looks on a background with the YIQ color 166.6010, 6.2780,

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

166.6010, 6.2780, 18.3900

Protanopia

164.1960, -14.8110, 9.6130

Deuteranopia

164.9260, -5.1830, 11.3370



Tritanopia

165.5440, 10.4520, 8.8200

Trichromacy



Original Color

166.6010, 6.2780, 18.3900

Protanomaly

165.1970, -7.3840, 12.6800

Deuteranomaly

165.5460, -1.0570, 13.6550

Tritanomaly

166.1680, 8.7550, 12.0430

Monochromacy



Original Color

166.6010, 6.2780, 18.3900

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.8850, 2.0620, 6.6860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.6010, 6.2780, 18.3900 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(184, 153, 191)` looks like.

```
.text, #text, p{  
    color:rgb(184, 153, 191)  
}
```

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(184, 153, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 153, 191) }
```

Border

The CSS property to change the border of an element to YIQ 166.6010, 6.2780, 18.3900 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(184, 153, 191) }
```


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

```
.border{ border-color:rgb(184, 153, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 153, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 153, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 153, 191);  
box-shadow:4px 4px 4px 4px rgb(184, 153,  
191) }
```

Background

The CSS property to change the background color of an element to YIQ 166.6010, 6.2780, 18.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 153, 191) }
```

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

```
.background{ background-color: rgb(184,  
153, 191) }
```

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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