

Converting Colors

YIQ(166.5480, -3.3980, 28.5540)

Have a look what the booklet for
YIQ(166.5480, -3.3980, 28.5540)
contains.

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Color

**YIQ(166.5480, -3.3980,
28.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	B595DB
RGB	181, 149, 219
RGB Percent	71%, 58%, 86%
CMY	0.2901, 0.4157, 0.1412
CMYK	0.17, 0.32, 0.00, 0.14
HSL	267°, 49%, 72%
HSV	267°, 32%, 86%
XYZ	42.5925, 36.4317, 71.7931
YIQ	166.5480, -3.3980, 28.5540

Conversions

Conversions Part 2

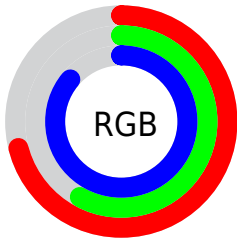
Format	Color
RYB	181, 149, 219
Decimal	11900379
CIELab	66.85, 25.51, -31.23
CIElCh	67, 40.330, 309.246
Yxy	36.4317, 0.2824, 0.2416
Android (android.graphics.Color)	4290090459 (0xFFB595DB)
YUV	166.5480, 25.8588, 12.6744
Hunter-Lab	60.3587, 20.3319, -28.2709

Details

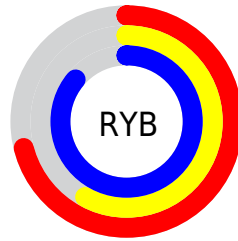
The YIQ color $166.5480, -3.3980, 28.5540$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $201.4520, 3.3980, -28.5540$, and the grayscale version is $166.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $219.3930, 4.1680, 23.5920$, and $114.1950, -3.9020, 26.6740$ is the 20% darker color. If you saturate the color by 10%, you get $150.0460, -4.5000, 37.5160$, and if you desaturate by 10%, it is $183.0500, -2.2960, 19.5920$.

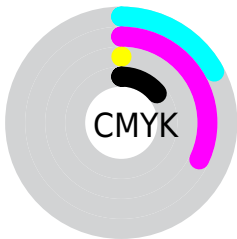
Distribution



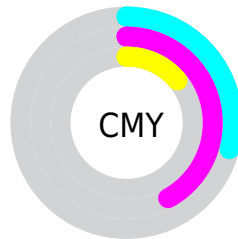
- Red (71%)
- Green (58%)
- Blue (86%)



- Red (71%)
- Yellow (58%)
- Blue (86%)



- Cyan (17%)
- Magenta (32%)
- Yellow (0%)
- Black (14%)



- Cyan (29%)
- Magenta (42%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 166.5480, -3.3980, 28.5540 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 166.5480, -3.3980, 28.5540 by changing the saturation by 10% instead.

166.5480, -3.3980,
28.5540

166.5480, -3.3980,
28.5540

255.0000, -0.0000,
-0.0000

140.0210, -3.3520,
27.7200

219.3930, 4.1680,
23.5920

114.1950, -3.9020,
26.6740

241.4990, 6.3250,
12.0290

89.2550, -4.1310,
25.3170

65.4290, -4.6810,
24.2710

42.4890, -4.9100,
22.9140

19.6630, -5.4600,
21.8680

4.6740, -13.1610,

12.7510

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 166.5480, -3.3980,
28.5540

■ 166.5480, -3.3980,
28.5540

■ 150.0460, -4.5000,
37.5160

■ 183.0500, -2.2960,
19.5920

■ 133.5440, -5.6020,
46.4780

■ 199.5520, -1.1940,
10.6300

■ 117.0420, -6.7040,
55.4400

■ 216.0540, -0.0920,
1.6680

■ 100.8390, -7.2100,
64.6140

■ 232.5560, 1.0100,
-7.2940

■ 84.3370, -8.3120,
73.5760

■ 246.4110, 2.6160,
-14.3760

■ 68.4220, -9.6890,
82.0150

■ 249.9990, 9.7680,
-11.8320

■ 54.8660, -10.6990,
89.3090

■ 250.8960, 11.5560,
-11.1960

Harmonies

Analogous

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



159.7430, -43.9720, 14.9720



166.5480, -3.3980, 28.5540



166.8480, 30.9880, 33.1320

Triad

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



166.5480, -3.3980, 28.5540



161.9470, 51.0770, -6.0670



127.7520, -103.1990, -40.5350

Complementary

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



166.5480, -3.3980, 28.5540



201.4520, 3.3980, -28.5540

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.



147.4760, -40.7080, -33.1880



166.5480, -3.3980, 28.5540



158.8530, 30.3100, -20.6820

Square

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



166.5480, -3.3980, 28.5540



163.9180, 59.1890, 12.1250



154.4730, -1.0950, -29.7270



129.2580, -115.9470, -29.7630

Rectangle

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



166.5480, -3.3980, 28.5540



165.9390, 46.6690, 29.7810



154.4730, -1.0950, -29.7270



138.8280, -73.9940, -35.6740

Sweetspot

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



166.5480, -3.3980, 28.5540



236.1390, -1.4690, 10.1070



179.2860, -32.9200, 1.8960



115.9170, -0.9640, 6.4600



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



166.5480, -3.3980, 28.5540



182.2140, -4.9130, 39.4950



176.7140, 16.8660, 35.7620



101.7490, -0.5510, 4.4810



43.3430, -8.4490, 70.5510



11.5230, -2.2500, 18.7580

Inverse Universe

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



174.2620, 29.5220, 26.6580



193.0450, 40.7990, 37.0470



190.9870, -17.4620, -35.9740



102.9730, 4.6300, 4.1980



62.4430, 72.9340, 65.9100



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 166.5480, -3.3980, 28.5540 looks on a white background.

Color Contrast Check

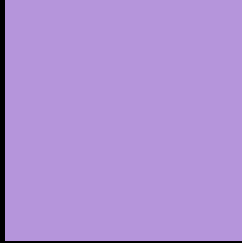
Large Text (above 18pt) WCAG AA × Fail

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 166.5480, -3.3980, 28.5540 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 166.5480, -3.3980, 28.5540

Background



This preview shows how black text looks on a background with the YIQ color 166.5480, -3.3980, 28.5540.



This preview shows how white text looks on a background with the YIQ color 166.5480, -3.3980,

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

166.5480, -3.3980, 28.5540

Protanopia

162.3700, -32.5560, 17.3320

Deuteranopia

163.2090, -24.8530, 15.3950



Tritanopia

163.9670, 4.7670, 7.2230

Trichromacy



Original Color

166.5480, -3.3980, 28.5540

Protanomaly

163.8660, -22.1490, 21.4590

Deuteranomaly

164.5630, -16.9220, 20.3420

Tritanomaly

165.0410, 1.9230, 14.7150

Monochromacy



Original Color

166.5480, -3.3980, 28.5540

Achromatopsia

167.0000, -0.0000, -0.0000

Achromatomaly

166.5520, -1.1940, 10.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.5480, -3.3980, 28.5540 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(181, 149, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 149, 219)  
}
```

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(181, 149, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 149, 219) }
```

Border

The CSS property to change the border of an element to YIQ 166.5480, -3.3980, 28.5540 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(181, 149, 219) }
```


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

```
.border{ border-color:rgb(181, 149, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 149, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 149, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 149, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 149,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 166.5480, -3.3980, 28.5540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 149, 219) }
```

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

```
.background{ background-color: rgb(181,  
149, 219) }
```

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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