

Converting Colors

YIQ(167.5480, -3.3980, 28.5540)

Have a look what the booklet for
YIQ(167.5480, -3.3980, 28.5540)
contains.

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Color

**YIQ(167.5480, -3.3980,
28.5540)**

Conversions

Conversions Part 1

Format	Color
Hex	B696DC
RGB	182, 150, 220
RGB Percent	71%, 59%, 86%
CMY	0.2861, 0.4118, 0.1373
CMYK	0.17, 0.32, 0.00, 0.14
HSL	267°, 50%, 73%
HSV	267°, 32%, 86%
XYZ	43.1188, 36.9237, 72.5525
YIQ	167.5480, -3.3980, 28.5540

Conversions

Conversions Part 2

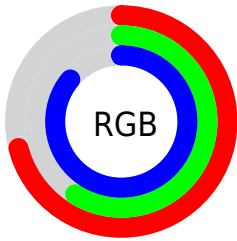
Format	Color
R_{YB}	182, 150, 220
Decimal	11966172
CIE _{Lab}	67.22, 25.48, -31.20
CIE _{LCh}	67, 40.289, 309.238
Yxy	36.9237, 0.2826, 0.2420
Android (android.graphics.Color)	4290156252 (0xFFB696DC)
YUV	167.5480, 25.8588, 12.6744
Hunter-Lab	60.7648, 20.3254, -28.2562

Details

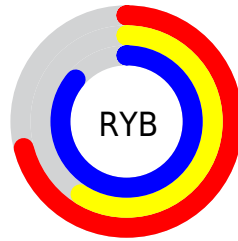
The YIQ color **167.5480, -3.3980, 28.5540** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **202.4520, 3.3980, -28.5540**, and the grayscale version is **167.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.2790, 4.4890, 23.2810**, and **115.1950, -3.9020, 26.6740** is the 20% darker color. If you saturate the color by 10%, you get **151.0460, -4.5000, 37.5160**, and if you desaturate by 10%, it is **184.0500, -2.2960, 19.5920**.

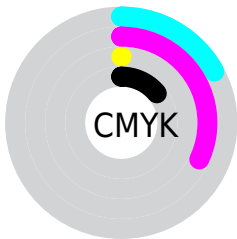
Distribution



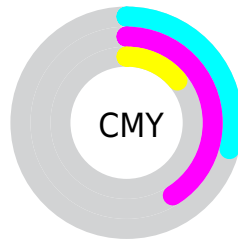
- Red (71%)
- Green (59%)
- Blue (86%)



- Red (71%)
- Yellow (59%)
- Blue (86%)



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



- Cyan (29%)
- Magenta (41%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 167.5480, -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 167.5480, -3.3980, 28.5540 by changing the saturation by 10% instead.

■ 167.5480, -3.3980,
28.5540

■ 167.5480, -3.3980,
28.5540

■ 255.0000, -0.0000,
-0.0000

■ 141.0210, -3.3520,
27.7200

■ 220.2790, 4.4890,
23.2810

■ 115.1950, -3.9020,
26.6740

■ 242.0860, 6.0500,
11.5060

■ 90.2550, -4.1310,
25.3170

■ 66.3150, -4.3600,
23.9600

■ 42.9020, -4.6350,
23.4370

■ 20.6630, -5.4600,
21.8680

■ 4.7880, -13.4820,

13.0620

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 167.5480, -3.3980,
28.5540

■ 167.5480, -3.3980,
28.5540

■ 151.0460, -4.5000,
37.5160

■ 184.0500, -2.2960,
19.5920

■ 134.5440, -5.6020,
46.4780

■ 200.5520, -1.1940,
10.6300

■ 118.0420, -6.7040,
55.4400

■ 217.0540, -0.0920,
1.6680

■ 101.5400, -7.8060,
64.4020

■ 233.5560, 1.0100,
-7.2940

■ 85.0380, -8.9080,
73.3640

■ 247.1230, 3.4870,
-13.6410

■ 68.5360, -10.0100,
82.3260

■ 250.7110, 10.6390,
-11.0970

■ 55.2790, -10.4240,
89.8320

■ 251.0100, 11.2350,
-10.8850

Harmonies

Analogous

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



160.7430, -43.9720, 14.9720



167.5480, -3.3980, 28.5540



167.8480, 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.



167.5480, -3.3980, 28.5540



162.9470, 51.0770, -6.0670



130.2470, -100.2190, -39.4750

Complementary

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



167.5480, -3.3980, 28.5540



202.4520, 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.



148.7750, -40.1120, -32.9760



167.5480, -3.3980, 28.5540



159.8530, 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.



167.5480, -3.3980, 28.5540



164.8040, 59.5100, 11.8140



155.4730, -1.0950, -29.7270



129.9590, -116.5430, -29.9750

Rectangle

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



167.5480, -3.3980, 28.5540



166.9390, 46.6690, 29.7810



155.4730, -1.0950, -29.7270



140.1270, -73.3980, -35.4620

Sweetspot

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



167.5480, -3.3980, 28.5540



236.1390, -1.4690, 10.1070



180.2860, -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.



167.5480, -3.3980, 28.5540



182.2140, -4.9130, 39.4950



177.7140, 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.



175.2620, 29.5220, 26.6580



193.0450, 40.7990, 37.0470



191.9870, -17.4620, -35.9740



102.9730, 4.6300, 4.1980



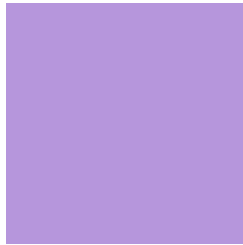
62.4430, 72.9340, 65.9100



16.6040, 19.3910, 17.5270

Previews

White Background



This preview shows how the YIQ color 167.5480, -3.3980, 28.5540 looks on a white background.

Color Contrast Check

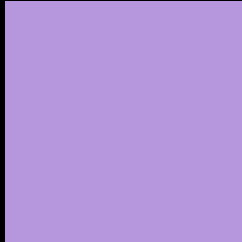
Large Text (above 18pt) WCAG AA × Fail

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 167.5480, -3.3980, 28.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

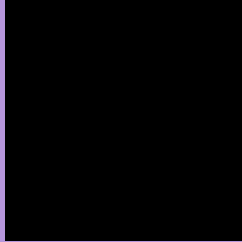
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 167.5480, -3.3980, 28.5540

Background



This preview shows how black text looks on a background with the YIQ color 167.5480, -3.3980, 28.5540.



This preview shows how white text looks on a background with the YIQ color 167.5480, -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

167.5480, -3.3980, 28.5540

Protanopia

163.3700, -32.5560, 17.3320

Deuteranopia

164.2090, -24.8530, 15.3950



Tritanopia

164.9670, 4.7670, 7.2230

Trichromacy



Original Color

167.5480, -3.3980, 28.5540

Protanomaly

164.8660, -22.1490, 21.4590

Deuteranomaly

165.5630, -16.9220, 20.3420

Tritanomaly

166.0410, 1.9230, 14.7150

Monochromacy



Original Color

167.5480, -3.3980, 28.5540

Achromatopsia

168.0000, -0.0000, -0.0000

Achromatomaly

167.5520, -1.1940, 10.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 167.5480, -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(182, 150, 220)` looks like.

```
.text, #text, p{  
    color:rgb(182, 150, 220)  
}
```

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(182, 150, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 150, 220) }
```

Border

The CSS property to change the border of an element to YIQ 167.5480, -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(182, 150, 220) }
```


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

```
.border{ border-color:rgb(182, 150, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 150, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 150, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 150, 220);  
box-shadow:4px 4px 4px 4px rgb(182, 150,  
220) }
```

Background

The CSS property to change the background color of an element to YIQ 167.5480, -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(182, 150, 220) }
```

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

```
.background{ background-color: rgb(182,  
150, 220) }
```

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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