

Converting Colors

YIQ(199.5480, -3.3980, 28.5540)

Have a look what the booklet for
YIQ(199.5480, -3.3980, 28.5540)
contains.

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Color

**YIQ(199.5480, -3.3980,
28.5540)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D6B6FC |
| RGB | 214, 182, 252 |
| RGB Percent | 84%, 71%, 99% |
| CMY | 0.1607, 0.2863, 0.0118 |
| CMYK | 0.15, 0.28, 0.00, 0.01 |
| HSL | 267°, 92%, 85% |
| HSV | 267°, 28%, 99% |
| XYZ | 62.0336, 54.7784, 99.3849 |
| YIQ | 199.5480, -3.3980, 28.5540 |

Conversions

Conversions Part 2

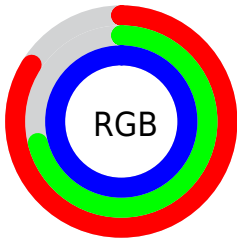
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 214, 182, 252 |
| Decimal | 14071548 |
| CIE Lab | 78.91, 24.60, -30.36 |
| CIE LCh | 79, 39.078, 309.015 |
| Yxy | 54.7784, 0.2869, 0.2534 |
| Android (android.graphics.Color) | 4292261628 (0xFFD6B6FC) |
| YUV | 199.5480, 25.8588, 12.6744 |
| Hunter-Lab | 74.0124, 20.0884, -27.8067 |

Details

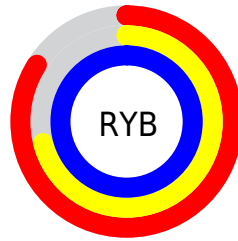
The YIQ color $199.5480, -3.3980, 28.5540$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $234.4520, 3.3980, -28.5540$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $245.0210, 4.6750, 8.8910$, and $145.4940, -3.3060, 26.8860$ is the 20% darker color. If you saturate the color by 10%, you get $180.6870, -4.8670, 38.6610$, and if you desaturate by 10%, it is $218.4090, -1.9290, 18.4470$.

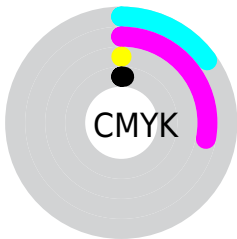
Distribution



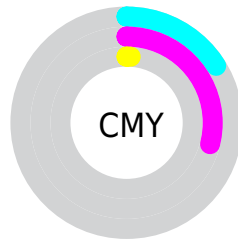
- Red (84%)
- Green (71%)
- Blue (99%)



- Red (84%)
- Yellow (71%)
- Blue (99%)



- Cyan (15%)
- Magenta (28%)
- Yellow (0%)
- Black (1%)



- Cyan (16%)
- Magenta (29%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.5480, -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 199.5480, -3.3980, 28.5540 by changing the saturation by 10% instead.

199.5480, -3.3980,
28.5540

199.5480, -3.3980,
28.5540

255.0000, -0.0000,
-0.0000

172.0210, -3.3520,
27.7200

245.0210, 4.6750,
8.8910

145.4940, -3.3060,
26.8860

119.6680, -3.8560,
25.8400

94.1410, -3.8100,
25.0060

70.2010, -4.0390,
23.6490

47.0760, -5.1850,
22.3910

24.8370, -6.0100,

20.8220

■ 8.6040, -6.9720,
16.2280

■ 3.2090, -7.6580,
6.6300

■ 199.5480, -3.3980,
28.5540

■ 199.5480, -3.3980,
28.5540

■ 180.6870, -4.8670,
38.6610

■ 218.4090, -1.9290,
18.4470

■ 162.1250, -5.7400,
48.9800

■ 236.9710, -1.0560,
8.1280

■ 142.6770, -6.9340,
59.6100

■ 254.6580, 0.9630,
-0.9330

■ 123.8160, -8.4030,
69.7170

■ 105.2540, -9.2760,
80.0360

■ 86.3930, -10.7450,
90.1430

■ 67.5320, -12.2140,
100.2500

■ 63.1130, -12.3520,
102.7520

Harmonies

Analogous

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



191.9730, -38.9280, 11.6640



199.5480, -3.3980, 28.5540



200.4350, 30.7130, 32.6090

Triad

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



199.5480, -3.3980, 28.5540



194.9580, 52.5440, -5.1200



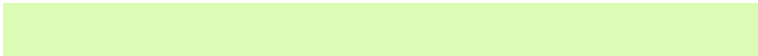
173.4950, -77.2500, -31.7300

Complementary

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



199.5480, -3.3980, 28.5540



234.4520, 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.



181.5580, -38.0030, -32.6510



199.5480, -3.3980, 28.5540



192.1520, 30.9060, -20.4700

Square

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



199.5480, -3.3980, 28.5540



195.0100, 55.9340, 10.5420



187.7720, -0.4990, -29.5150



170.0320, -100.4510, -24.2510

Rectangle

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



199.5480, -3.3980, 28.5540



197.4330, 42.2220, 27.7740



187.7720, -0.4990, -29.5150



176.3130, -65.0540, -32.4940

Sweetspot

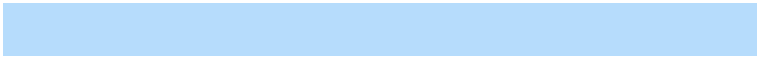
The Sweet Spot groups the original color and five complimentary colors.



199.5480, -3.3980, 28.5540



239.9710, -1.0560, 8.1280



212.2860, -32.9200, 1.8960



118.2760, -0.5970, 5.3150



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.



199.5480, -3.3980, 28.5540



191.9380, -4.3160, 34.1800



209.7140, 16.8660, 35.7620



115.2760, -0.5970, 5.3150



47.2600, -9.4130, 77.0110



15.3260, -2.8930, 24.9070

Inverse Universe

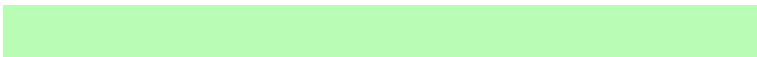
The Inverse Universe completely reimagines the original color for something new.



207.2620, 29.5220, 26.6580



201.2460, 35.6190, 31.8030



223.9870, -17.4620, -35.9740



116.6850, 5.5010, 4.9330



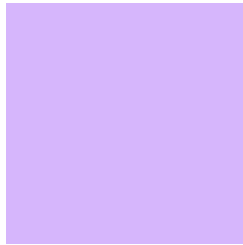
68.1390, 79.9020, 71.7900



22.0010, 25.7630, 23.1950

Previews

White Background



This preview shows how the YIQ color 199.5480, -3.3980, 28.5540 looks on a white background.

Color Contrast Check

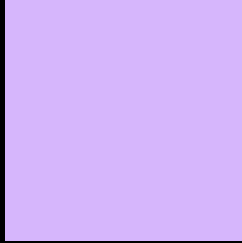
Large Text (above 18pt) WCAG AA × Fail

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 199.5480, -3.3980, 28.5540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

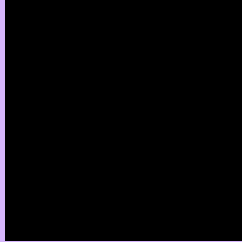
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.5480, -3.3980, 28.5540

Background



This preview shows how black text looks on a background with the YIQ color 199.5480, -3.3980, 28.5540.

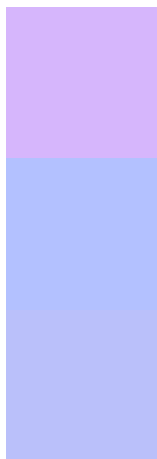


This preview shows how white text looks on a background with the YIQ color 199.5480, -3.3980,

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

199.5480, -3.3980, 28.5540

Protanopia

195.8820, -28.2460, 16.3140

Deuteranopia

196.8180, -22.1940, 16.7660



Tritanopia

197.1950, 4.1250, 7.8450

Trichromacy



Original Color

199.5480, -3.3980, 28.5540

Protanomaly

197.3070, -19.0770, 20.8510

Deuteranomaly

197.5740, -15.4550, 21.2890

Tritanomaly

198.2690, 1.2810, 15.3370

Monochromacy



Original Color

199.5480, -3.3980, 28.5540

Achromatopsia

200.0000, -0.0000, -0.0000

Achromatomaly

199.5520, -1.1940, 10.6300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.5480, -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(214, 182, 252)` looks like.

```
.text, #text, p{  
    color:rgb(214, 182, 252)  
}
```

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(214, 182, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 182, 252) }
```

Border

The CSS property to change the border of an element to YIQ 199.5480, -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(214, 182, 252) }
```


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

```
.border{ border-color:rgb(214, 182, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 182, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 182, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 182, 252);  
box-shadow:4px 4px 4px 4px rgb(214, 182,  
252) }
```

Background

The CSS property to change the background color of an element to YIQ 199.5480, -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(214, 182, 252) }
```

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

```
.background{ background-color: rgb(214,  
182, 252) }
```

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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