

Converting Colors

YIQ(195.5800, -6.4240, 28.3280)

Have a look what the booklet for
YIQ(195.5800, -6.4240, 28.3280)
contains.

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Color

**YIQ(195.5800, -6.4240,
28.3280)**

Conversions

Conversions Part 1

Format	Color
Hex	CFB3FB
RGB	207, 179, 251
RGB Percent	81%, 70%, 98%
CMY	0.1881, 0.2981, 0.0158
CMYK	0.18, 0.29, 0.00, 0.02
HSL	263°, 90%, 84%
HSV	263°, 29%, 98%
XYZ	59.2672, 52.4688, 98.2534
YIQ	195.5800, -6.4240, 28.3280

Conversions

Conversions Part 2

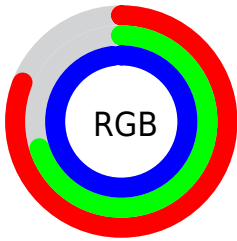
Format	Color
R _Y B	207, 179, 251
Decimal	13612027
CIE Lab	77.56, 23.89, -31.96
CIE LCh	78, 39.898, 306.778
Yxy	52.4688, 0.2822, 0.2499
Android (android.graphics.Color)	4291802107 (0xFFCFB3FB)
YUV	195.5800, 27.3221, 10.0153
Hunter-Lab	72.4353, 19.2883, -29.7180

Details

The YIQ color $195.5800, -6.4240, 28.3280$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $234.4200, 6.4240, -28.3280$, and the grayscale version is $195.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $243.2600, 5.5000, 10.4600$, and $141.5260, -6.3320, 26.6600$ is the 20% darker color. If you saturate the color by 10%, you get $176.4200, -8.4890, 38.2230$, and if you desaturate by 10%, it is $214.7400, -4.3590, 18.4330$.

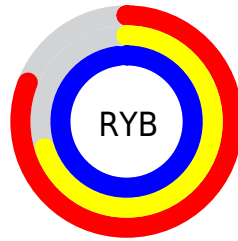
Distribution



Red (81%)

Green (70%)

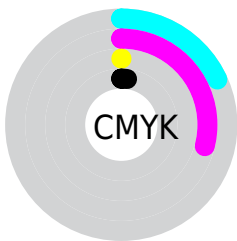
Blue (98%)



Red (81%)

Yellow (70%)

Blue (98%)

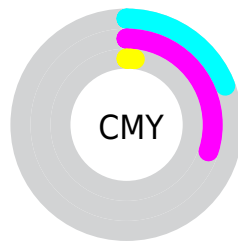


Cyan (18%)

Magenta (29%)

Yellow (0%)

Black (2%)



Cyan (19%)

Magenta (30%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 195.5800, -6.4240, 28.3280 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 195.5800, -6.4240, 28.3280 by changing the saturation by 10% instead.

■ 195.5800, -6.4240,
28.3280

■ 195.5800, -6.4240,
28.3280

■ 255.0000, -0.0000,
-0.0000

■ 168.0530, -6.3780,
27.4940

■ 243.2600, 5.5000,
10.4600

■ 141.5260, -6.3320,
26.6600

■ 115.7000, -6.8820,
25.6140

■ 90.7600, -7.1110,
24.2570

■ 66.8200, -7.3400,
22.9000

■ 43.9940, -7.8900,
21.8540

■ 21.4560, -9.3110,

20.0730

■ 4.9020, -13.8030,
13.3730

■ 3.0950, -7.3370,
6.3190

■ 195.5800, -6.4240,
28.3280

■ 195.5800, -6.4240,
28.3280

■ 176.4200, -8.4890,
38.2230

■ 214.7400, -4.3590,
18.4330

■ 156.9610,
-11.1500, 47.9060

■ 234.1990, -1.6980,
8.7500

■ 137.8010,
-13.2150, 57.8010

■ 253.3590, 0.3670,
-1.1450

■ 118.6410,
-15.2800, 67.6960

■ 254.5440, 1.2840,
-1.2440

■ 99.1820, -17.9410,
77.3790

■ 79.4350, -19.7310,
87.7970

■ 60.2750, -21.7960,
97.6920

■ 57.9160, -22.1630,
98.8370

Harmonies

Analogous

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



187.5210, -43.4670, 11.3250



195.5800, -6.4240, 28.3280



196.5920, 28.8330, 33.6410

Triad

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



195.5800, -6.4240, 28.3280



190.9690, 54.0110, -4.1730



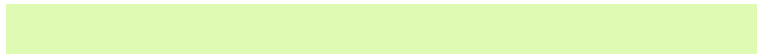
169.2560, -78.0750, -33.2990

Complementary

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



195.5800, -6.4240, 28.3280



234.4200, 6.4240, -28.3280

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.



177.8140, -35.8480, -33.1600



195.5800, -6.4240, 28.3280



188.2340, 33.6110, -19.9330

Square

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



195.5800, -6.4240, 28.3280



191.8470, 57.9510, 12.5350



184.3270, 2.2520, -29.8120



162.9170, -107.5570, -27.6290

Rectangle

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



195.5800, -6.4240, 28.3280



194.3840, 43.9180, 30.0780



184.3270, 2.2520, -29.8120



171.9710, -64.0910, -33.4270

Sweetspot

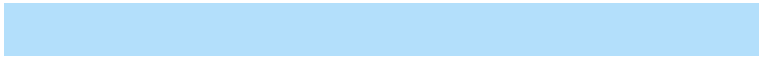
The Sweet Spot groups the original color and five complimentary colors.



195.5800, -6.4240, 28.3280



237.3130, -2.0190, 9.0610



213.0360, -35.2120, -0.6200



116.5040, -1.2390, 5.9370



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.



195.5800, -6.4240, 28.3280



188.0840, -7.6630, 34.2650



206.3440, 15.0320, 35.9600



114.9770, -1.1930, 5.1030



43.3730, -17.1610, 74.2550



14.1300, -5.2770, 24.0590

Inverse Universe

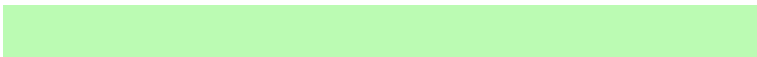
The Inverse Universe completely reimagines the original color for something new.



205.5440, 28.7880, 28.9480



200.0550, 34.8390, 34.9270



223.6560, -15.0320, -35.9600



116.7990, 5.1800, 5.2440



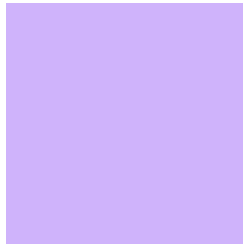
69.6210, 75.7290, 75.8330



22.4570, 24.4790, 24.4390

Previews

White Background



This preview shows how the YIQ color 195.5800, -6.4240, 28.3280 looks on a white background.

Color Contrast Check

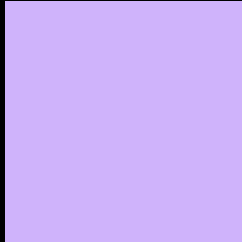
Large Text (above 18pt) WCAG AA × Fail

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 195.5800, -6.4240, 28.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

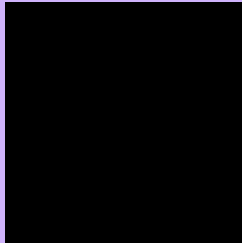
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 195.5800, -6.4240, 28.3280

Background



This preview shows how black text looks on a background with the YIQ color 195.5800, -6.4240, 28.3280.



This preview shows how white text looks on a background with the YIQ color 195.5800, -6.4240,

28.3280.

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

195.5800, -6.4240, 28.3280

Protanopia

191.7400, -30.7220, 17.1340

Deuteranopia

192.5620, -24.3490, 17.2750



Tritanopia

192.9990, 1.7410, 6.9970

Trichromacy



Original Color

195.5800, -6.4240, 28.3280

Protanomaly

192.8660, -22.1490, 21.4590

Deuteranomaly

193.9050, -17.8850, 21.2750

Tritanomaly

194.0730, -1.1030, 14.4890

Monochromacy



Original Color

195.5800, -6.4240, 28.3280

Achromatopsia

196.0000, -0.0000, -0.0000

Achromatomaly

195.9540, -2.3860, 10.2060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 195.5800, -6.4240, 28.3280 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(207, 179, 251)` looks like.

```
.text, #text, p{  
    color:rgb(207, 179, 251)  
}
```

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(207, 179, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 179, 251) }
```

Border

The CSS property to change the border of an element to YIQ 195.5800, -6.4240, 28.3280 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(207, 179, 251) }
```


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

```
.border{ border-color:rgb(207, 179, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 179, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 179, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 179, 251);  
box-shadow:4px 4px 4px 4px rgb(207, 179,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 195.5800, -6.4240, 28.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 179, 251) }
```

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

```
.background{ background-color: rgb(207,  
179, 251) }
```

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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