

Converting Colors

YIQ(199.4400, -3.2140, 25.2180)

Have a look what the booklet for
YIQ(199.4400, -3.2140, 25.2180)
contains.

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Color

**YIQ(199.4400, -3.2140,
25.2180)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B8F6
RGB	212, 184, 246
RGB Percent	83%, 72%, 96%
CMY	0.1685, 0.2785, 0.0354
CMYK	0.14, 0.25, 0.00, 0.04
HSL	267°, 77%, 84%
HSV	267°, 25%, 96%
XYZ	60.9294, 54.9301, 94.5675
YIQ	199.4400, -3.2140, 25.2180

Conversions

Conversions Part 2

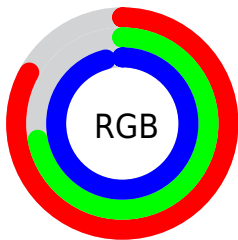
Format	Color
R _Y B	212, 184, 246
Decimal	13940982
CIE Lab	79.00, 21.63, -27.03
CIE LCh	79, 34.618, 308.678
Yxy	54.9301, 0.2896, 0.2610
Android (android.graphics.Color)	4292131062 (0xFFD4B8F6)
YUV	199.4400, 22.9541, 11.0151
Hunter-Lab	74.1148, 17.0429, -23.7713

Details

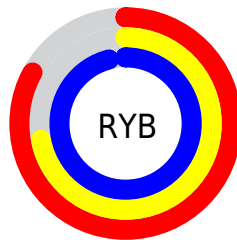
The YIQ color $199.4400, -3.2140, 25.2180$ is a light color, and the websafe version is hex $CCCCFF$. A complement of this color would be $230.5600, 3.2140, -25.2180$, and the grayscale version is $199.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $246.1950, 4.1250, 7.8450$, and $145.5000, -3.4430, 23.8610$ is the 20% darker color. If you saturate the color by 10%, you get $180.8780, -4.0870, 35.5370$, and if you desaturate by 10%, it is $218.3010, -1.7450, 15.1110$.

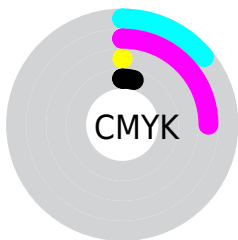
Distribution



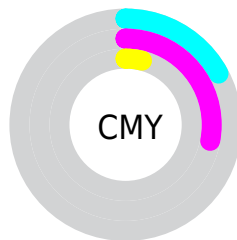
- Red (83%)
- Green (72%)
- Blue (96%)



- Red (83%)
- Yellow (72%)
- Blue (96%)



- Cyan (14%)
- Magenta (25%)
- Yellow (0%)
- Black (4%)



- Cyan (17%)
- Magenta (28%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 199.4400, -3.2140, 25.2180 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 199.4400, -3.2140, 25.2180 by changing the saturation by 10% instead.

199.4400, -3.2140,
25.2180

199.4400, -3.2140,
25.2180

255.0000, -0.0000,
-0.0000

171.9130, -3.1680,
24.3840

246.1950, 4.1250,
7.8450

145.5000, -3.4430,
23.8610

119.5600, -3.6720,
22.5040

94.4460, -3.3510,
22.1930

70.5060, -3.5800,
20.8360

47.6800, -4.1300,
19.7900

25.4410, -4.9550,

18.2210

■ 8.1480, -5.6880,
14.9840

■ 2.6390, -6.0530,
5.0750

■ 199.4400, -3.2140,
25.2180

■ 199.4400, -3.2140,
25.2180

■ 180.8780, -4.0870,
35.5370

■ 218.3010, -1.7450,
15.1110

■ 162.6040, -5.8310,
45.1210

■ 236.2760, -0.5970,
5.3150

■ 144.0420, -6.7040,
55.4400

■ 253.0770, 1.1010,
-3.4350

■ 125.7680, -8.4480,
65.0240

■ 253.9740, 2.8890,
-2.7990

■ 107.2060, -9.3210,
75.3430

■ 88.3450, -10.7900,
85.4500

■ 70.3700, -11.9380,
95.2460

■ 61.2330, -12.8100,
100.0380

Harmonies

Analogous

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



193.4680, -35.9480, 12.7240



199.4400, -3.2140, 25.2180



200.7610, 26.6790, 28.6230

Triad

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



199.4400, -3.2140, 25.2180



195.8480, 47.0420, -4.5260



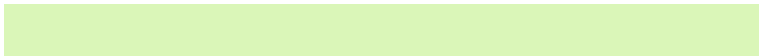
178.4860, -63.8630, -26.5430

Complementary

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



199.4400, -3.2140, 25.2180



230.5600, 3.2140, -25.2180

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.



183.7160, -32.4560, -28.5520



199.4400, -3.2140, 25.2180



193.1780, 28.0170, -17.6710

Square

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



199.4400, -3.2140, 25.2180



197.4550, 53.1830, 10.8390



189.0650, 0.2340, -26.2780



177.5570, -79.8200, -18.1880

Rectangle

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



199.4400, -3.2140, 25.2180



199.7810, 41.1220, 25.6820



189.0650, 0.2340, -26.2780



180.2220, -54.3720, -27.8440

Sweetspot

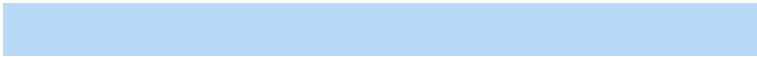
The Sweet Spot groups the original color and five complimentary colors.



199.4400, -3.2140, 25.2180



239.9710, -1.0560, 8.1280



211.0260, -29.2520, 1.5000



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.



199.4400, -3.2140, 25.2180



197.8300, -4.1320, 30.8440



208.7090, 15.2620, 31.7900



113.1620, -0.2760, 5.0040



46.3200, -9.6420, 75.6540



14.7990, -2.8470, 24.0730

Inverse Universe

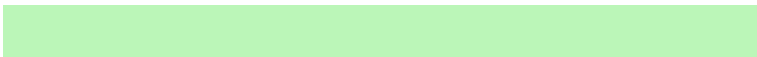
The Inverse Universe completely reimagines the original color for something new.



206.4140, 26.0380, 23.7180



206.3980, 32.1350, 28.8630



221.2910, -15.2620, -31.7900



114.3860, 4.9050, 4.7210



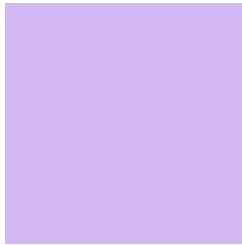
67.2420, 78.1140, 71.1540



21.2890, 24.8920, 22.4600

Previews

White Background



This preview shows how the YIQ color 199.4400, -3.2140, 25.2180 looks on a white background.

Color Contrast Check

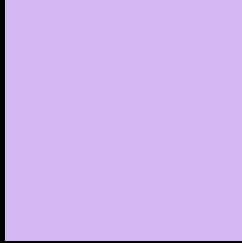
Large Text (above 18pt) WCAG AA × Fail

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 199.4400, -3.2140, 25.2180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

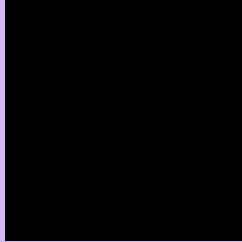
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 199.4400, -3.2140, 25.2180

Background



This preview shows how black text looks on a background with the YIQ color 199.4400, -3.2140, 25.2180.



This preview shows how white text looks on a background with the YIQ color 199.4400, -3.2140,

25.2180.

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

199.4400, -3.2140, 25.2180

Protanopia

196.5400, -27.2830, 15.3810

Deuteranopia

197.3300, -17.8840, 15.7480



Tritanopia

196.8960, 3.5290, 7.6330

Trichromacy



Original Color

199.4400, -3.2140, 25.2180

Protanomaly

197.4380, -18.0680, 19.0840

Deuteranomaly

198.0750, -12.6120, 19.3240

Tritanomaly

197.7420, 1.3270, 14.5030

Monochromacy



Original Color

199.4400, -3.2140, 25.2180

Achromatopsia

199.0000, -0.0000, 0.0000

Achromatomaly

199.4980, -1.1020, 8.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 199.4400, -3.2140, 25.2180 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(212, 184, 246)` looks like.

```
.text, #text, p{  
    color:rgb(212, 184, 246)  
}
```

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(212, 184, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 184, 246) }
```

Border

The CSS property to change the border of an element to YIQ 199.4400, -3.2140, 25.2180 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(212, 184, 246) }
```


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

```
.border{ border-color:rgb(212, 184, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 184, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 184, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 184, 246);  
box-shadow:4px 4px 4px 4px rgb(212, 184,  
246) }
```

Background

The CSS property to change the background color of an element to YIQ 199.4400, -3.2140, 25.2180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 184, 246) }
```

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

```
.background{ background-color: rgb(212,  
184, 246) }
```

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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