

Converting Colors

YIQ(188.6180, -0.4190, 35.1410)

Have a look what the booklet for
YIQ(188.6180, -0.4190, 35.1410)
contains.

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Color

**YIQ(188.6180, -0.4190,
35.1410)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D2A6F9 |
| RGB | 210, 166, 249 |
| RGB Percent | 82%, 65%, 98% |
| CMY | 0.1763, 0.3491, 0.0236 |
| CMYK | 0.16, 0.33, 0.00, 0.02 |
| HSL | 272°, 87%, 81% |
| HSV | 272°, 33%, 98% |
| XYZ | 57.3189, 47.8118, 95.8163 |
| YIQ | 188.6180, -0.4190, 35.1410 |

Conversions

Conversions Part 2

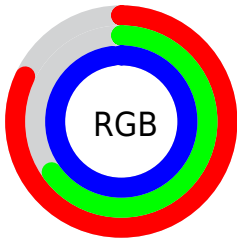
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 166, 249 |
| Decimal | 13805305 |
| CIE Lab | 74.71, 31.46, -35.27 |
| CIE LCh | 75, 47.258, 311.732 |
| Yxy | 47.8118, 0.2852, 0.2379 |
| Android (android.graphics.Color) | 4291995385 (0xFFD2A6F9) |
| YUV | 188.6180, 29.7683, 18.7520 |
| Hunter-Lab | 69.1461, 26.9625, -33.7565 |

Details

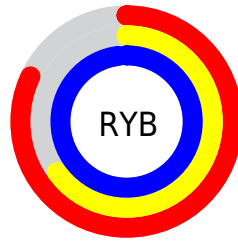
The YIQ color $188.6180, -0.4190, 35.1410$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $226.3820, 0.4190, -35.1410$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $235.0420, 9.3500, 17.7820$, and $134.8520, -1.1980, 32.7380$ is the 20% darker color. If you saturate the color by 10%, you get $170.3550, -0.6960, 45.6720$, and if you desaturate by 10%, it is $206.8810, -0.1420, 24.6100$.

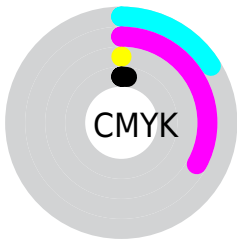
Distribution



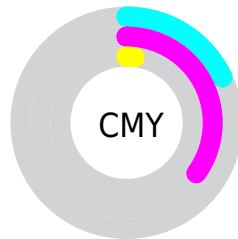
- Red (82%)
- Green (65%)
- Blue (98%)



- Red (82%)
- Yellow (65%)
- Blue (98%)



- Cyan (16%)
- Magenta (33%)
- Yellow (0%)
- Black (2%)




- Cyan (18%)
- Magenta (35%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.6180, -0.4190, 35.1410 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 188.6180, -0.4190, 35.1410 by changing the saturation by 10% instead.

 188.6180, -0.4190,
35.1410

 188.6180, -0.4190,
35.1410

255.0000, -0.0000,
-0.0000


 161.0910, -0.3730,
34.3070


 235.0420, 9.3500,
17.7820


 134.8520, -1.1980,
32.7380

 252.0650, 1.3750,
2.6150

 109.3250, -1.1520,
31.9040

 83.4990, -1.7020,
30.8580

 59.6730, -2.2520,
29.8120

 36.4340, -3.0770,
28.2430

 15.3690, -4.4520,

25.6280

■ 4.6740, -13.1610,
12.7510

■ 2.7530, -6.3740,
5.3860

■ 188.6180, -0.4190,
35.1410

■ 188.6180, -0.4190,
35.1410

■ 170.3550, -0.6960,
45.6720

■ 206.8810, -0.1420,
24.6100

■ 152.3910, -0.3770,
56.4150

■ 224.8450, -0.4610,
13.8670

■ 134.1280, -0.6540,
66.9460

■ 243.1080, -0.1840,
3.3360

■ 115.8650, -0.9310,
77.4770

■ 254.3160, 1.9260,
-1.8660

■ 97.9010, -0.6120,
88.2200

■ 80.2250, -1.1640,
98.2280

■ 67.8540, -1.2570,
105.4230

Harmonies

Analogous

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



179.2590, -45.4850, 14.8590



188.6180, -0.4190, 35.1410



188.4410, 39.7440, 39.6480

Triad

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



188.6180, -0.4190, 35.1410



182.1450, 59.1470, -9.1490



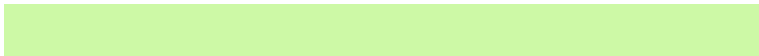
144.3090, -121.1250, -46.0610

Complementary

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



188.6180, -0.4190, 35.1410



226.3820, 0.4190, -35.1410

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.



163.7190, -54.8740, -40.7780



188.6180, -0.4190, 35.1410



178.7190, 33.3830, -26.8170

Square

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



188.6180, -0.4190, 35.1410



182.9960, 67.7170, 11.7570



173.2180, -4.9910, -36.2150



147.1080, -133.1400, -32.0520

Rectangle

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



188.6180, -0.4190, 35.1410



183.9830, 52.5370, 33.5690



173.2180, -4.9910, -36.2150



142.0120, -116.0350, -50.2030

Sweetspot

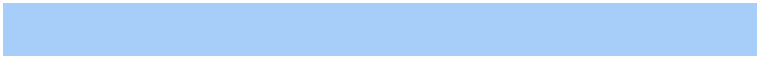
The Sweet Spot groups the original color and five complimentary colors.



188.6180, -0.4190, 35.1410



236.7370, -0.2770, 10.5310



198.9420, -37.6430, 4.8930



116.2160, -0.3680, 6.6720



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.



188.6180, -0.4190, 35.1410



180.7740, -0.5580, 43.1700



200.1650, 23.1460, 43.0980



115.5750, -0.0010, 5.5270



51.4460, -1.0690, 79.9790



16.5220, -0.5090, 25.7550

Inverse Universe

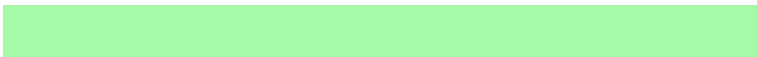
The Inverse Universe completely reimagines the original color for something new.



195.2630, 36.9490, 29.7250



188.9700, 45.3840, 36.5520



214.8350, -23.1460, -43.0980



116.5710, 5.8220, 4.6220



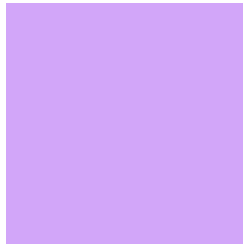
66.6570, 84.0750, 67.7470



21.5450, 27.0470, 21.9510

Previews

White Background



This preview shows how the YIQ color 188.6180, -0.4190, 35.1410 looks on a white background.

Color Contrast Check

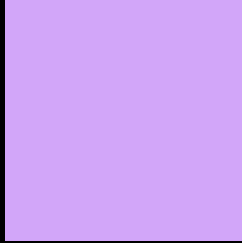
Large Text (above 18pt) WCAG AA × Fail

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 188.6180, -0.4190, 35.1410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

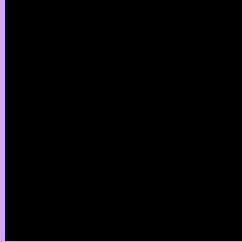
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.6180, -0.4190, 35.1410

Background



This preview shows how black text looks on a background with the YIQ color 188.6180, -0.4190, 35.1410.



This preview shows how white text looks on a background with the YIQ color 188.6180, -0.4190,

35.1410.

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

188.6180, -0.4190, 35.1410

Protanopia

184.3420, -35.3530, 18.4630

Deuteranopia

184.2240, -29.2090, 17.2470



Tritanopia

185.7720, 9.8100, 9.4420

Trichromacy



Original Color

188.6180, -0.4190, 35.1410

Protanomaly

185.6750, -22.9290, 24.5830

Deuteranomaly

186.1870, -18.6190, 23.5650

Tritanomaly

186.7150, 5.9570, 18.7010

Monochromacy



Original Color

188.6180, -0.4190, 35.1410

Achromatopsia

189.0000, -0.0000, -0.0000

Achromatomaly

189.2040, -0.0940, 12.7220

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6180, -0.4190, 35.1410 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(210, 166, 249)` looks like.

```
.text, #text, p{  
    color:rgb(210, 166, 249)  
}
```

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(210, 166, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 166, 249) }
```

Border

The CSS property to change the border of an element to YIQ 188.6180, -0.4190, 35.1410 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(210, 166, 249) }
```


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

```
.border{ border-color:rgb(210, 166, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 166, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 166, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 166, 249);  
box-shadow:4px 4px 4px 4px rgb(210, 166,  
249) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6180, -0.4190, 35.1410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 166, 249) }
```

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

```
.background{ background-color: rgb(210,  
166, 249) }
```

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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