

Converting Colors

YIQ(189.6250, 6.8710, 35.1830)

Have a look what the booklet for
YIQ(189.6250, 6.8710, 35.1830)
contains.

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Color

**YIQ(189.6250, 6.8710,
35.1830)**

Conversions

Conversions Part 1

Format	Color
Hex	DAA5F2
RGB	218, 165, 242
RGB Percent	85%, 65%, 95%
CMY	0.1449, 0.3530, 0.0510
CMYK	0.10, 0.32, 0.00, 0.05
HSL	281°, 75%, 80%
HSV	281°, 32%, 95%
XYZ	58.4036, 48.2249, 90.2280
YIQ	189.6250, 6.8710, 35.1830

Conversions

Conversions Part 2

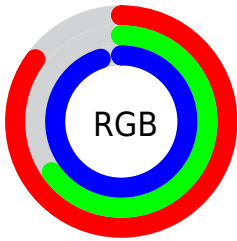
Format	Color
R _{YB}	218, 165, 242
Decimal	14329330
CIE Lab	74.97, 32.98, -31.02
CIE LCh	75, 45.276, 316.760
Yxy	48.2249, 0.2967, 0.2450
Android (android.graphics.Color)	4292519410 (0xFFDAA5F2)
YUV	189.6250, 25.8209, 24.8849
Hunter-Lab	69.4441, 28.5941, -28.4240

Details

The YIQ color **189.6250, 6.8710, 35.1830** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **217.3750, -6.8710, -35.1830**, and the grayscale version is **189.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **235.0420, 9.3500, 17.7820**, and **135.3860, 6.0460, 33.6140** is the 20% darker color. If you saturate the color by 10%, you get **173.4440, 9.2990, 46.2510**, and if you desaturate by 10%, it is **206.1050, 5.0390, 24.3270**.

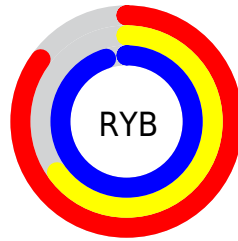
Distribution



Red (85%)

Green (65%)

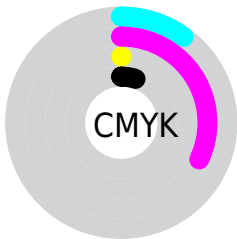
Blue (95%)



Red (85%)

Yellow (65%)

Blue (95%)

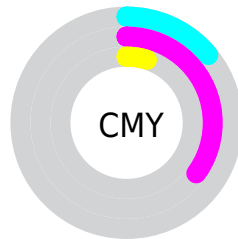


Cyan (10%)

Magenta (32%)

Yellow (0%)

Black (5%)



Cyan (14%)

Magenta (35%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 189.6250, 6.8710, 35.1830 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 189.6250, 6.8710, 35.1830 by changing the saturation by 10% instead.

 189.6250, 6.8710,
35.1830


 189.6250, 6.8710,
35.1830

255.0000, -0.0000,
-0.0000


 162.0980, 6.9170,
34.3490

 235.0420, 9.3500,
17.7820


 135.3860, 6.0460,
33.6140

 251.4780, 1.6500,
3.1380

 109.4460, 5.8170,
32.2570

 84.6200, 5.2670,
31.2110

 60.7940, 4.7170,
30.1650

 36.3810, 4.4420,
29.6420

 17.4900, 2.5170,

25.9810

■ 4.7020, -10.3640,
11.6200

■ 1.3680, -3.8520,
3.7320

■ 189.6250, 6.8710,
35.1830

■ 189.6250, 6.8710,
35.1830

■ 173.4440, 9.2990,
46.2510

■ 206.1050, 5.0390,
24.3270

■ 156.9640, 11.1310,
57.1070

■ 222.2860, 2.6110,
13.2590

■ 139.8970, 13.2380,
68.4860

■ 239.3530, 0.5040,
1.8800

■ 123.7160, 15.6660,
79.5540

■ 251.4250, 0.0010,
-5.5270

■ 107.2360, 17.4980,
90.4100

■ 253.5180, 4.1730,
-4.0430

■ 91.0550, 19.9260,
101.4780

■ 77.5210, 21.8500,
110.6660

Harmonies

Analogous

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



183.1570, -36.2700, 18.5620



189.6250, 6.8710, 35.1830



188.8280, 42.9080, 37.3720

Triad

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



189.6250, 6.8710, 35.1830



182.9270, 53.8290, -11.8910



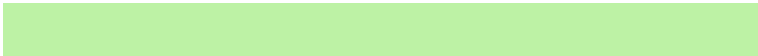
144.5200, -123.0970, -43.3610

Complementary

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



189.6250, 6.8710, 35.1830



217.3750, -6.8710, -35.1830

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.



163.5490, -60.1470, -38.8270



189.6250, 6.8710, 35.1830



178.8970, 27.0100, -26.9580

Square

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



189.6250, 6.8710, 35.1830



185.1160, 67.2590, 9.0430



173.9230, -11.4100, -35.5220



146.9770, -134.1490, -30.2850

Rectangle

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



189.6250, 6.8710, 35.1830



185.0600, 53.6380, 30.1340



173.9230, -11.4100, -35.5220



142.9240, -118.6030, -47.7150

Sweetspot

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



189.6250, 6.8710, 35.1830



237.9330, 2.1070, 11.3790



187.8660, -31.3170, 11.3950



117.1130, 1.4200, 7.3080



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.



189.6250, 6.8710, 35.1830



189.0910, 8.7950, 44.3710



195.2050, 25.6690, 35.9170



111.7600, 0.9160, 5.4280



58.9490, 16.6280, 84.1480



18.0450, 5.2680, 25.6840

Inverse Universe

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



190.7590, 38.1880, 23.7880



190.4230, 48.1820, 29.8940



211.7950, -25.6690, -35.9170



112.0440, 5.8680, 3.7880



61.5140, 91.3670, 56.7350



18.6820, 27.9190, 17.1590

Previews

White Background



This preview shows how the YIQ color 189.6250, 6.8710, 35.1830 looks on a white background.

Color Contrast Check

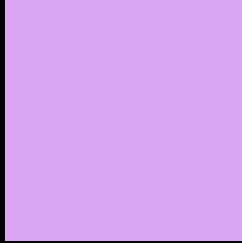
Large Text (above 18pt) WCAG AA × Fail

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 189.6250, 6.8710, 35.1830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

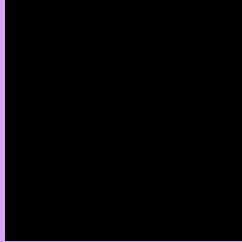
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 189.6250, 6.8710, 35.1830

Background



This preview shows how black text looks on a background with the YIQ color 189.6250, 6.8710, 35.1830.



This preview shows how white text looks on a background with the YIQ color 189.6250, 6.8710,

35.1830.

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

189.6250, 6.8710, 35.1830

Protanopia

184.6410, -34.7570, 18.6750

Deuteranopia

186.1060, -23.0650, 16.0310



Tritanopia

187.0610, 16.3660, 11.7740

Trichromacy



Original Color

189.6250, 6.8710, 35.1830



Protanomaly

186.5290, -19.5820, 24.4980



Deuteranomaly

187.4820, -12.2000, 22.8720



Tritanomaly

187.7760, 13.1550, 20.4110

Monochromacy



Original Color

189.6250, 6.8710, 35.1830



Achromatopsia

190.0000, -0.0000, -0.0000



Achromatomaly

189.8730, 2.3360, 12.7360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 189.6250, 6.8710, 35.1830 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(218, 165, 242)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 242)  
}
```

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(218, 165, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 242) }
```

Border

The CSS property to change the border of an element to YIQ 189.6250, 6.8710, 35.1830 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(218, 165, 242) }
```


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

```
.border{ border-color:rgb(218, 165, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 242);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 189.6250, 6.8710, 35.1830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 242) }
```

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

```
.background{ background-color: rgb(218,  
165, 242) }
```

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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