

Converting Colors

YIQ(168.8220, 16.6820, 39.0980)

Have a look what the booklet for
YIQ(168.8220, 16.6820, 39.0980)
contains.

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Color

**YIQ(168.8220, 16.6820,
39.0980)**

Conversions

Conversions Part 1

Format	Color
Hex	D18BD9
RGB	209, 139, 217
RGB Percent	82%, 55%, 85%
CMY	0.1802, 0.4550, 0.1490
CMYK	0.04, 0.36, 0.00, 0.15
HSL	294°, 51%, 70%
HSV	294°, 36%, 85%
XYZ	48.0630, 37.0299, 70.2609
YIQ	168.8220, 16.6820, 39.0980

Conversions

Conversions Part 2

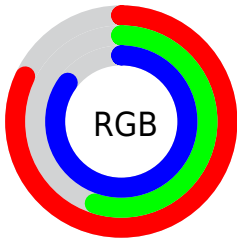
Format	Color
R _Y B	209, 139, 217
Decimal	13732825
CIE Lab	67.30, 39.30, -29.21
CIE LCh	67, 48.963, 323.377
Yxy	37.0299, 0.3094, 0.2384
Android (android.graphics.Color)	4291922905 (0xFFD18BD9)
YUV	168.8220, 23.7518, 35.2361
Hunter-Lab	60.8522, 34.4935, -25.8606

Details

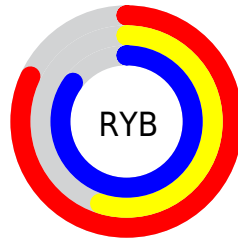
The YIQ color **168.8220, 16.6820, 39.0980** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **187.1780, -16.6820, -39.0980**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.1930, 16.7750, 31.9030**, and **115.2840, 15.2610, 37.3170** is the 20% darker color. If you saturate the color by 10%, you get **155.3100, 21.5400, 50.1800**, and if you desaturate by 10%, it is **182.3340, 11.8240, 28.0160**.

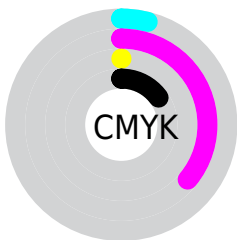
Distribution



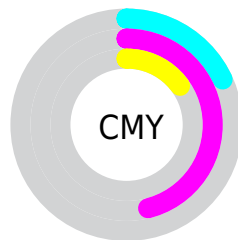
- Red (82%)
- Green (55%)
- Blue (85%)



- Red (82%)
- Yellow (55%)
- Blue (85%)



- Cyan (4%)
- Magenta (36%)
- Yellow (0%)
- Black (15%)





- Cyan (18%)
- Magenta (46%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.8220, 16.6820, 39.0980 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 168.8220, 16.6820, 39.0980 by changing the saturation by 10% instead.


 168.8220, 16.6820,
39.0980

 168.8220, 16.6820,
39.0980


255.0000, -0.0000,
-0.0000

 141.9960, 16.1320,
38.0520


 219.1930, 16.7750,
31.9030


 115.2840, 15.2610,
37.3170


 235.6290, 9.0750,
17.2590

 89.4580, 14.7110,
36.2710

 252.6520, 1.1000,
2.0920

 64.1590, 14.1150,
36.0590

 37.9850, 14.6650,
37.1050

 22.0180, 9.8980,
29.8820

 13.2310, 4.4440,

18.5880

■ 2.5250, -5.7320,
4.7640

■ 0.0000, 0.0000,
0.0000

■ 168.8220, 16.6820,
39.0980

■ 168.8220, 16.6820,
39.0980

■ 155.3100, 21.5400,
50.1800

■ 182.3340, 11.8240,
28.0160

■ 142.3850, 26.1230,
60.7390

■ 195.2590, 7.2410,
17.4570

■ 128.5740, 30.3850,
71.6090

■ 209.0700, 2.9790,
6.5870

■ 115.0620, 35.2430,
82.6910

■ 222.5820, -1.8790,
-4.4950

■ 101.5500, 40.1010,
93.7730

■ 235.5070, -6.4620,
-15.0540

■ 88.6250, 44.6840,
104.3320

■ 240.8010, -7.4700,
-18.8140

■ 83.0430, 46.5630,
108.8270

■ 241.6980, -5.6820,
-18.1780

■ 242.2960, -4.4900,
-17.7540

■ 242.8940, -3.2980,
-17.3300

Harmonies

Analogous

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



164.6510, -31.5490, 26.6190



168.8220, 16.6820, 39.0980



166.9600, 51.3440, 38.6720

Triad

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



168.8220, 16.6820, 39.0980



160.3840, 50.8040, -17.6440



131.6400, -114.3870, -36.0110

Complementary

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



168.8220, 16.6820, 39.0980



187.1780, -16.6820, -39.0980

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.



126.5100, -99.9420, -50.0060



168.8220, 16.6820, 39.0980



156.7280, 19.9960, -32.0040

Square

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



168.8220, 16.6820, 39.0980



163.1390, 68.4520, 3.9400



149.4700, -23.3760, -38.9280



132.9230, -124.8890, -21.8890

Rectangle

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



168.8220, 16.6820, 39.0980



165.0460, 65.4210, 31.3490



149.4700, -23.3760, -38.9280



130.0440, -109.8930, -40.3650

Sweetspot

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



168.8220, 16.6820, 39.0980



237.6670, 5.9120, 14.0080



153.1750, -27.5130, 19.5510



117.4230, 3.4830, 8.4670



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.



168.8220, 16.6820, 39.0980



187.1410, 23.6940, 55.1980



167.7940, 31.0800, 31.4640



103.2440, 2.4290, 5.5410



66.3660, 37.4430, 86.8750



17.5030, 9.6700, 22.9980

Inverse Universe

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



163.2340, 43.9200, 19.0240



179.2580, 61.7080, 27.0520



188.2060, -31.0800, -31.4640



102.4030, 6.2350, 2.6430



53.7790, 97.3300, 42.2740



14.3240, 25.8110, 11.3070

Previews

White Background



This preview shows how the YIQ color 168.8220, 16.6820, 39.0980 looks on a white background.

Color Contrast Check

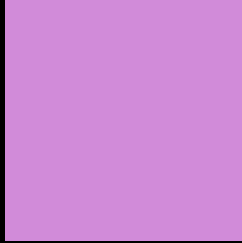
Large Text (above 18pt) WCAG AA × Fail

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 168.8220, 16.6820, 39.0980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

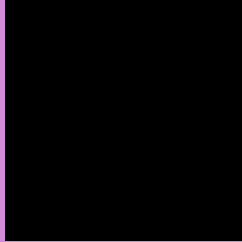
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.8220, 16.6820, 39.0980

Background



This preview shows how black text looks on a background with the YIQ color 168.8220, 16.6820, 39.0980.



This preview shows how white text looks on a background with the YIQ color 168.8220, 16.6820,

39.0980.

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

168.8220, 16.6820, 39.0980

Protanopia

164.0430, -35.9490, 18.2510

Deuteranopia

164.8350, -20.8640, 14.6880



Tritanopia

166.6170, 26.5440, 14.5440

Trichromacy



Original Color

168.8220, 16.6820, 39.0980



Protanomaly

166.0240, -16.6020, 25.5580



Deuteranomaly

166.2330, -7.0650, 23.4230



Tritanomaly

167.4460, 23.0120, 23.4920

Monochromacy



Original Color

168.8220, 16.6820, 39.0980



Achromatopsia

169.0000, -0.0000, -0.0000



Achromatomaly

168.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.8220, 16.6820, 39.0980 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(209, 139, 217)` looks like.

```
.text, #text, p{  
    color:rgb(209, 139, 217)  
}
```

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(209, 139, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 139, 217) }
```

Border

The CSS property to change the border of an element to YIQ 168.8220, 16.6820, 39.0980 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(209, 139, 217) }
```


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

```
.border{ border-color:rgb(209, 139, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 139, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 139, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 139, 217);  
box-shadow:4px 4px 4px 4px rgb(209, 139,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 168.8220, 16.6820, 39.0980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 139, 217) }
```

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

```
.background{ background-color: rgb(209,  
139, 217) }
```

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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