

Converting Colors

YIQ(166.4680, 17.9190, 44.2150)

Have a look what the booklet for
YIQ(166.4680, 17.9190, 44.2150)
contains.

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Color

**YIQ(166.4680, 17.9190,
44.2150)**

Conversions

Conversions Part 1

Format	Color
Hex	D385DE
RGB	211, 133, 222
RGB Percent	83%, 52%, 87%
CMY	0.1723, 0.4785, 0.1294
CMYK	0.05, 0.40, 0.00, 0.13
HSL	293°, 57%, 70%
HSV	293°, 40%, 87%
XYZ	48.4495, 35.8981, 73.4831
YIQ	166.4680, 17.9190, 44.2150

Conversions

Conversions Part 2

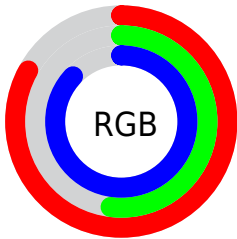
Format	Color
R _{YB}	211, 133, 222
Decimal	13862366
CIE _{Lab}	66.44, 44.06, -33.29
CIE _{LCh}	66, 55.220, 322.926
Yxy	35.8981, 0.3070, 0.2274
Android (android.graphics.Color)	4292052446 (0xFFD385DE)
YUV	166.4680, 27.3773, 39.0546
Hunter-Lab	59.9150, 39.4907, -30.7761

Details

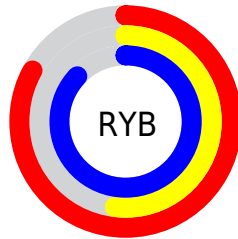
The YIQ color **166.4680, 17.9190, 44.2150** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **188.5320, -17.9190, -44.2150**, and the grayscale version is **166.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6710, 18.4250, 35.0410**, and **112.9300, 16.4980, 42.4340** is the 20% darker color. If you saturate the color by 10%, you get **152.6570, 22.1810, 55.0850**, and if you desaturate by 10%, it is **180.2790, 13.6570, 33.3450**.

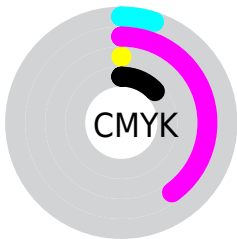
Distribution



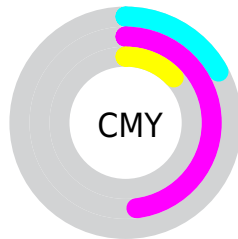
- Red (83%)
- Green (52%)
- Blue (87%)



- Red (83%)
- Yellow (52%)
- Blue (87%)



- Cyan (5%)
- Magenta (40%)
- Yellow (0%)
- Black (13%)





- Cyan (17%)
- Magenta (48%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 166.4680, 17.9190, 44.2150 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 166.4680, 17.9190, 44.2150 by changing the saturation by 10% instead.


 166.4680, 17.9190,
44.2150


 166.4680, 17.9190,
44.2150


255.0000, -0.0000,
-0.0000


 139.6420, 17.3690,
43.1690


 215.6710, 18.4250,
35.0410


 112.9300, 16.4980,
42.4340

 232.1070, 10.7250,
20.3970

 86.5170, 16.2230,
41.9110

 249.1300, 2.7500,
5.2300

 60.2180, 15.6270,
41.6990

 32.8700, 16.7270,
43.7910

 22.3600, 8.9350,
30.8150

 13.2740, 2.8850,

19.3090

■ 2.9810, -7.0160,
6.0080

■ 0.0000, 0.0000,
0.0000

■ 166.4680, 17.9190,
44.2150

■ 166.4680, 17.9190,
44.2150

■ 152.6570, 22.1810,
55.0850

■ 180.2790, 13.6570,
33.3450

■ 139.1450, 27.0390,
66.1670

■ 194.0900, 9.3950,
22.4750

■ 124.7470, 31.5760,
77.5600

■ 208.1890, 4.2620,
10.8700

■ 110.9360, 35.8380,
88.4300

■ 222.0000, -0.0000,
0.0000

■ 97.1250, 40.1000,
99.3000

■ 235.8110, -4.2620,
-10.8700

■ 83.6130, 44.9580,
110.3820

■ 242.8660, -6.0950,
-16.1990

■ 243.7630, -4.3070,
-15.5630

■ 244.6600, -2.5190,
-14.9270

■ 245.5570, -0.7310,
-14.2910

Harmonies

Analogous

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



161.7090, -37.4640, 29.1920



166.4680, 17.9190, 44.2150



163.3570, 57.7160, 44.3400

Triad

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



166.4680, 17.9190, 44.2150



157.0980, 57.3610, -20.8390



131.8680, -115.0290, -35.3890

Complementary

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



166.4680, 17.9190, 44.2150



188.5320, -17.9190, -44.2150

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.



125.4670, -98.3830, -50.7270



166.4680, 17.9190, 44.2150



152.5340, 23.2980, -36.7820

Square

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



166.4680, 17.9190, 44.2150



159.5590, 76.0170, 4.5050



144.1550, -27.0430, -44.0590



133.6070, -126.8150, -20.0230

Rectangle

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



166.4680, 17.9190, 44.2150



161.4000, 73.3520, 36.2960



144.1550, -27.0430, -44.0590



129.9300, -109.5720, -40.6760

Sweetspot

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



166.4680, 17.9190, 44.2150



235.6070, 6.1410, 15.3650



150.1900, -31.8690, 21.4030



116.5370, 3.1620, 8.7780



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.



166.4680, 17.9190, 44.2150



178.9010, 24.6100, 60.6260



165.9950, 35.0680, 36.2840



105.2440, 2.4290, 5.5410



66.1100, 35.2880, 87.3840



18.0300, 9.6240, 23.8320

Inverse Universe

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



160.8650, 49.5130, 22.2890



171.1880, 67.8970, 30.5290



189.0050, -35.0680, -36.2840



104.4030, 6.2350, 2.6430



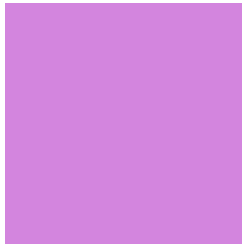
55.1320, 97.8340, 44.1540



15.0360, 26.6820, 12.0420

Previews

White Background



This preview shows how the YIQ color 166.4680, 17.9190, 44.2150 looks on a white background.

Color Contrast Check

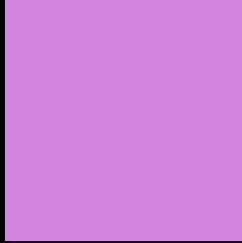
Large Text (above 18pt) WCAG AA × Fail

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 166.4680, 17.9190, 44.2150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

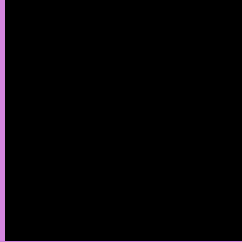
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 166.4680, 17.9190, 44.2150

Background



This preview shows how black text looks on a background with the YIQ color 166.4680, 17.9190, 44.2150.



This preview shows how white text looks on a background with the YIQ color 166.4680, 17.9190,

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

166.4680, 17.9190, 44.2150

Protanopia

160.8020, -42.4600, 20.6120

Deuteranopia

162.0240, -25.7700, 15.4940



Tritanopia

164.6990, 29.2490, 15.0810

Trichromacy



Original Color

166.4680, 17.9190, 44.2150



Protanomaly

162.9790, -20.7290, 28.7670



Deuteranomaly

163.8460, -10.2290, 25.6990



Tritanomaly

165.2830, 25.0290, 25.4850

Monochromacy



Original Color

166.4680, 17.9190, 44.2150



Achromatopsia

166.0000, -0.0000, 0.0000



Achromatomaly

166.0200, 6.4160, 15.8880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 166.4680, 17.9190, 44.2150 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(211, 133, 222)` looks like.

```
.text, #text, p{  
    color:rgb(211, 133, 222)  
}
```

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(211, 133, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 133, 222) }
```

Border

The CSS property to change the border of an element to YIQ 166.4680, 17.9190, 44.2150 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(211, 133, 222) }
```


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

```
.border{ border-color:rgb(211, 133, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 133, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 133, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 133, 222);  
box-shadow:4px 4px 4px 4px rgb(211, 133,  
222) }
```

Background

The CSS property to change the background color of an element to YIQ 166.4680, 17.9190, 44.2150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 133, 222) }
```

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

```
.background{ background-color: rgb(211,  
133, 222) }
```

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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