

Converting Colors

YIQ(136.9180, 16.7720, 48.4840)

Have a look what the booklet for
YIQ(136.9180, 16.7720, 48.4840)
contains.

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Color

**YIQ(136.9180, 16.7720,
48.4840)**

Conversions

Conversions Part 1

Format	Color
Hex	B765C9
RGB	183, 101, 201
RGB Percent	72%, 40%, 79%
CMY	0.2821, 0.6040, 0.2118
CMYK	0.09, 0.50, 0.00, 0.21
HSL	289°, 48%, 59%
HSV	289°, 50%, 79%
XYZ	34.7367, 23.5930, 57.9797
YIQ	136.9180, 16.7720, 48.4840

Conversions

Conversions Part 2

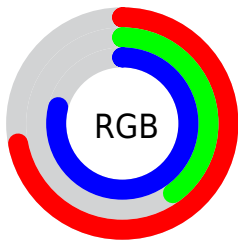
Format	Color
R _Y B	183, 101, 201
Decimal	12019145
CIE Lab	55.68, 48.52, -38.52
CIE LCh	56, 61.958, 321.553
Yxy	23.5930, 0.2987, 0.2028
Android (android.graphics.Color)	4290209225 (0xFFB765C9)
YUV	136.9180, 31.5924, 40.4139
Hunter-Lab	48.5726, 42.6523, -36.7719

Details

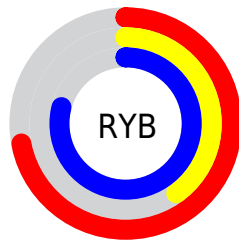
The YIQ color **136.9180, 16.7720, 48.4840** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **165.0820, -16.7720, -48.4840**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1140, 19.1560, 49.3320**, and **83.6790, 15.9470, 46.9150** is the 20% darker color. If you saturate the color by 10%, you get **123.9820, 19.8880, 58.0960**, and if you desaturate by 10%, it is **149.8540, 13.6560, 38.8720**.

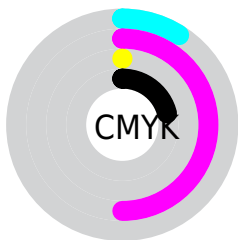
Distribution



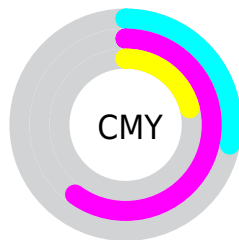
- Red (72%)
- Green (40%)
- Blue (79%)



- Red (72%)
- Yellow (40%)
- Blue (79%)



- Cyan (9%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)



- Cyan (28%)
- Magenta (60%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.9180, 16.7720, 48.4840 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 136.9180, 16.7720, 48.4840 by changing the saturation by 10% instead.

136.9180, 16.7720,
48.4840

136.9180, 16.7720,
48.4840

255.0000, -0.0000,
-0.0000

110.0920, 16.2220,
47.4380

191.5270, 19.4310,
49.8550

83.6790, 15.9470,
46.9150

212.1490, 20.0750,
38.1790

55.6190, 16.1760,
48.2720

228.5850, 12.3750,
23.5350

33.2550, 14.2050,
45.4450

245.6080, 4.4000,
8.3680

22.7450, 6.4130,
32.4690

12.9470, -0.5080,
20.2280

3.5510, -8.6210,

7.5630

■ 0.0000, 0.0000,
0.0000

■ 136.9180, 16.7720,
48.4840

■ 136.9180, 16.7720,
48.4840

■ 123.9820, 19.8880,
58.0960

■ 149.8540, 13.6560,
38.8720

■ 111.3450, 23.6000,
67.9200

■ 162.4910, 9.9440,
29.0480

■ 98.4090, 26.7160,
77.5320

■ 175.4270, 6.8280,
19.4360

■ 85.7720, 30.4280,
87.3560

■ 188.0640, 3.1160,
9.6120

■ 72.2490, 33.8190,
97.4910

■ 201.0000, -0.0000,
0.0000

■ 214.5230, -3.3910,
-10.1350

■ 227.1600, -7.1030,
-19.9590

■ 235.9870, -8.2940,
-25.9100

■ 236.8840, -6.5060,
-25.2740

Harmonies

Analogous

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



131.1360, -48.9720, 28.5000



136.9180, 16.7720, 48.4840



131.1390, 61.5660, 51.6620

Triad

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



136.9180, 16.7720, 48.4840



125.5040, 67.5410, -29.1230



112.2400, -98.3410, -29.4530

Complementary

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



136.9180, 16.7720, 48.4840



165.0820, -16.7720, -48.4840

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.



105.3830, -80.4110, -46.0350



136.9180, 16.7720, 48.4840



120.9720, 30.4520, -45.2920

Square

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



136.9180, 16.7720, 48.4840



128.8370, 81.1060, 5.8900



110.9430, -32.4980, -49.8260



115.7230, -112.2820, -13.5780

Rectangle

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



136.9180, 16.7720, 48.4840



128.2530, 78.4400, 43.2080



110.9430, -32.4980, -49.8260



110.1880, -92.5630, -35.0510

Sweetspot

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



136.9180, 16.7720, 48.4840



230.6010, 6.2780, 18.3900



122.9660, -37.0500, 21.6860



113.0040, 3.3450, 10.9690



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.



136.9180, 16.7720, 48.4840



157.1160, 25.9830, 74.2950



138.6520, 37.7720, 42.3480



93.4180, 1.8790, 4.4950



58.6480, 27.5410, 79.1010



12.7750, 5.7280, 17.3440

Inverse Universe

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



132.9520, 53.8220, 26.7980



150.8250, 82.5210, 40.8330



163.3480, -37.7720, -42.3480



92.8050, 5.0430, 2.2190



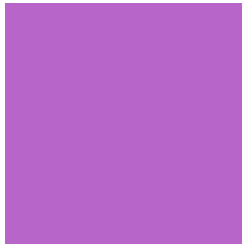
52.0430, 87.8390, 43.5750



11.4480, 19.5300, 9.4980

Previews

White Background



This preview shows how the YIQ color 136.9180, 16.7720, 48.4840 looks on a white background.

Color Contrast Check

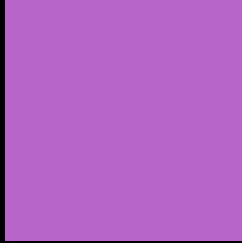
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9180, 16.7720, 48.4840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

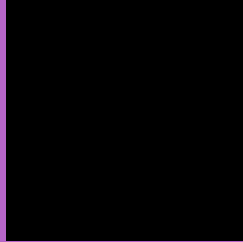
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.9180, 16.7720, 48.4840

Background



This preview shows how black text looks on a background with the YIQ color 136.9180, 16.7720, 48.4840.



This preview shows how white text looks on a background with the YIQ color 136.9180, 16.7720,

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

136.9180, 16.7720, 48.4840

Protanopia

130.2830, -54.0600, 21.5880

Deuteranopia

132.5930, -34.8020, 13.9820



Tritanopia

136.1720, 29.2950, 14.2470

Trichromacy



Original Color

136.9180, 16.7720, 48.4840



Protanomaly

132.6670, -28.4780, 31.5380



Deuteranomaly

133.8500, -16.0520, 26.6040



Tritanomaly

136.3370, 24.9370, 27.1530

Monochromacy



Original Color

136.9180, 16.7720, 48.4840



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

137.0740, 6.3240, 17.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.9180, 16.7720, 48.4840 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(183, 101, 201)` looks like.

```
.text, #text, p{  
    color:rgb(183, 101, 201)  
}
```

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(183, 101, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 101, 201) }
```

Border

The CSS property to change the border of an element to YIQ 136.9180, 16.7720, 48.4840 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(183, 101, 201) }
```


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

```
.border{ border-color:rgb(183, 101, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 101, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 101, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 101, 201);  
box-shadow:4px 4px 4px 4px rgb(183, 101,  
201) }
```

Background

The CSS property to change the background color of an element to YIQ 136.9180, 16.7720, 48.4840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 101, 201) }
```

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

```
.background{ background-color: rgb(183,  
101, 201) }
```

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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