

Converting Colors

YIQ(147.5800, 11.9120, 48.4560)

Have a look what the booklet for
YIQ(147.5800, 11.9120, 48.4560)
contains.

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Color

**YIQ(147.5800, 11.9120,
48.4560)**

Conversions

Conversions Part 1

Format	Color
Hex	BD71D9
RGB	189, 113, 217
RGB Percent	74%, 44%, 85%
CMY	0.2586, 0.5570, 0.1491
CMYK	0.13, 0.48, 0.00, 0.15
HSL	284°, 58%, 65%
HSV	284°, 48%, 85%
XYZ	39.4267, 27.6393, 68.8968
YIQ	147.5800, 11.9120, 48.4560

Conversions

Conversions Part 2

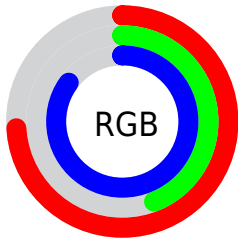
Format	Color
R _Y B	189, 113, 217
Decimal	12415449
CIE Lab	59.56, 47.20, -41.42
CIE LCh	60, 62.799, 318.729
Yxy	27.6393, 0.2900, 0.2033
Android (android.graphics.Color)	4290605529 (0xFFBD71D9)
YUV	147.5800, 34.2241, 36.3253
Hunter-Lab	52.5731, 41.8613, -40.8980

Details

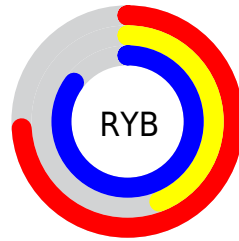
The YIQ color $147.5800, 11.9120, 48.4560$ is a light color, and the websafe version is hex $CC66CC$. A complement of this color would be $182.4200, -11.9120, -48.4560$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $200.9520, 19.4320, 44.3280$, and $94.0420, 10.4910, 46.6750$ is the 20% darker color. If you saturate the color by 10%, you get $132.8720, 14.3860, 58.6900$, and if you desaturate by 10%, it is $162.2880, 9.4380, 38.2220$.

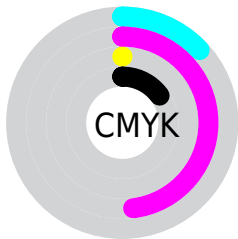
Distribution



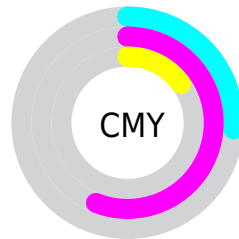
- Red (74%)
- Green (44%)
- Blue (85%)



- Red (74%)
- Yellow (44%)
- Blue (85%)



- Cyan (13%)
- Magenta (48%)
- Yellow (0%)
- Black (15%)



- Cyan (26%)
- Magenta (56%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 147.5800, 11.9120, 48.4560 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 147.5800, 11.9120, 48.4560 by changing the saturation by 10% instead.

147.5800, 11.9120,
48.4560

147.5800, 11.9120,
48.4560

255.0000, -0.0000,
-0.0000

120.7540, 11.3620,
47.4100

200.9520, 19.4320,
44.3280

94.0420, 10.4910,
46.6750

219.7800, 16.5000,
31.3800

67.9280, 10.8120,
46.3640

236.2160, 8.8000,
16.7360

38.1070, 11.8660,
49.2900

253.2390, 0.8250,
1.5690

25.7220, 5.2200,
37.5720

16.8210, 0.0870,
25.9670

4.9190, -12.4730,

11.2950

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 147.5800, 11.9120,
48.4560

■ 147.5800, 11.9120,
48.4560

■ 132.8720, 14.3860,
58.6900

■ 162.2880, 9.4380,
38.2220

■ 118.7510, 16.5850,
68.4010

■ 176.4090, 7.2390,
28.5110

■ 104.3420, 19.6550,
78.8470

■ 191.1170, 4.7650,
18.2770

■ 89.6340, 22.1290,
89.0810

■ 205.5260, 1.6950,
7.8310

74.9260, 24.6030,
99.3150

219.6470, -0.5040,
-1.8800

72.2790, 25.1070,
101.1950

234.3550, -2.9780,
-12.1140

243.1930, -2.7020,
-17.1180

244.9870, 0.8740,
-15.8460

246.4820, 3.8540,
-14.7860

Harmonies

Analogous

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



139.5910, -57.6830, 26.6770



147.5800, 11.9120, 48.4560



142.4100, 59.3650, 53.0050

Triad

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



147.5800, 11.9120, 48.4560



136.4490, 69.3740, -23.7940



119.3810, -103.2920, -33.3400

Complementary

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



147.5800, 11.9120, 48.4560



182.4200, -11.9120, -48.4560

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.



112.2960, -84.7200, -50.5440



147.5800, 11.9120, 48.4560



132.1790, 34.3030, -43.4970

Square

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



147.5800, 11.9120, 48.4560



138.7990, 84.2690, 9.1410



123.2490, -24.6120, -49.5720



123.2060, -118.1960, -16.5320

Rectangle

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



147.5800, 11.9120, 48.4560



139.7200, 78.6230, 45.3990



123.2490, -24.6120, -49.5720



117.3290, -97.5140, -38.9380

Sweetspot

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



147.5800, 11.9120, 48.4560



230.8780, 3.9400, 16.7080



141.8790, -41.3590, 17.1770



113.2920, 2.4740, 10.2340



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.



147.5800, 11.9120, 48.4560



156.1640, 16.8600, 68.9240



153.3300, 35.9830, 47.2390



102.6460, 1.2370, 5.1170



57.6950, 20.1590, 80.7270



15.4100, 5.4980, 21.5140

Inverse Universe

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



147.2880, 52.9960, 30.7560



155.8120, 75.3680, 43.8160



176.6700, -35.9830, -47.2390



102.6310, 5.5930, 3.2650



57.0850, 88.0210, 51.2930



15.1220, 23.5640, 13.4840

Previews

White Background



This preview shows how the YIQ color 147.5800, 11.9120, 48.4560 looks on a white background.

Color Contrast Check

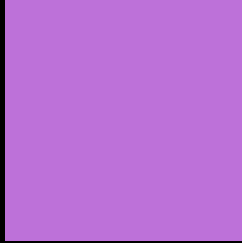
Large Text (above 18pt) WCAG AA ✓ Pass

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 147.5800, 11.9120, 48.4560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

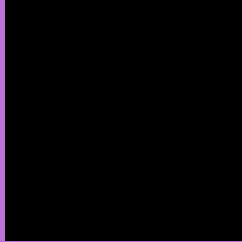
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 147.5800, 11.9120, 48.4560

Background



This preview shows how black text looks on a background with the YIQ color 147.5800, 11.9120, 48.4560.



This preview shows how white text looks on a background with the YIQ color 147.5800, 11.9120,

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

147.5800, 11.9120, 48.4560

Protanopia

140.1520, -55.0690, 23.3550

Deuteranopia

142.3800, -38.5160, 15.2120



Tritanopia

146.1930, 24.8020, 13.0740

Trichromacy



Original Color

147.5800, 11.9120, 48.4560



Protanomaly

142.8240, -30.3580, 32.5700



Deuteranomaly

144.2240, -20.0410, 27.3110



Tritanomaly

146.4720, 20.1230, 26.2910

Monochromacy



Original Color

147.5800, 11.9120, 48.4560



Achromatopsia

148.0000, -0.0000, 0.0000



Achromatomaly

147.7040, 4.4900, 17.7540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 147.5800, 11.9120, 48.4560 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(189, 113, 217)` looks like.

```
.text, #text, p{  
    color:rgb(189, 113, 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(189, 113, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 113, 217) }
```

Border

The CSS property to change the border of an element to YIQ 147.5800, 11.9120, 48.4560 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(189, 113, 217) }
```


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

```
.border{ border-color:rgb(189, 113, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 113, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 113, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 113, 217);  
box-shadow:4px 4px 4px 4px rgb(189, 113,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 147.5800, 11.9120, 48.4560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 113, 217) }
```

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

```
.background{ background-color: rgb(189,  
113, 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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