

Converting Colors

YIQ(144.0070, 17.5990, 38.9990)

Have a look what the booklet for
YIQ(144.0070, 17.5990, 38.9990)
contains.

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Color

**YIQ(144.0070, 17.5990,
38.9990)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B972BF |
| RGB | 185, 114, 191 |
| RGB Percent | 73%, 45%, 75% |
| CMY | 0.2743, 0.5530, 0.2510 |
| CMYK | 0.03, 0.40, 0.00, 0.25 |
| HSL | 295°, 38%, 60% |
| HSV | 295°, 40%, 75% |
| XYZ | 35.4392, 26.1108, 52.4638 |
| YIQ | 144.0070, 17.5990, 38.9990 |

Conversions

Conversions Part 2

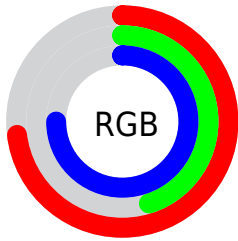
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 185, 114, 191 |
| Decimal | 12153535 |
| CIE _{Lab} | 58.14, 40.30, -28.96 |
| CIE _{LCh} | 58, 49.626, 324.294 |
| Yxy | 26.1108, 0.3108, 0.2290 |
| Android (android.graphics.Color) | 4290343615 (0xFFB972BF) |
| YUV | 144.0070, 23.1675, 35.9509 |
| Hunter-Lab | 51.0987, 34.3746, -25.1047 |

Details

The YIQ color **144.0070, 17.5990, 38.9990** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **160.9930, -17.5990, -38.9990**, and the grayscale version is **144.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6590, 18.6990, 41.0910**, and **91.4690, 16.1780, 37.2180** is the 20% darker color. If you saturate the color by 10%, you get **132.5550, 22.2280, 48.7240**, and if you desaturate by 10%, it is **155.7580, 13.5660, 29.4860**.

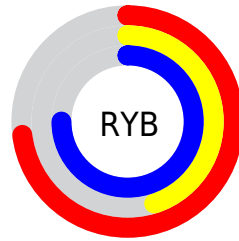
Distribution



Red (73%)

Green (45%)

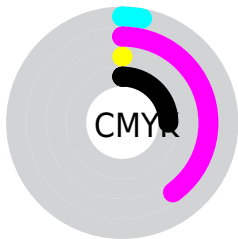
Blue (75%)



Red (73%)

Yellow (45%)

Blue (75%)

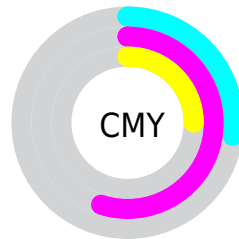


Cyan (3%)

Magenta (40%)

Yellow (0%)

Black (25%)



Cyan (27%)

Magenta (55%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 144.0070, 17.5990, 38.9990 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 144.0070, 17.5990, 38.9990 by changing the saturation by 10% instead.

144.0070, 17.5990,
38.9990

144.0070, 17.5990,
38.9990

255.0000, -0.0000,
-0.0000

117.2950, 16.7280,
38.2640

198.6590, 18.6990,
41.0910

91.4690, 16.1780,
37.2180

219.7800, 16.5000,
31.3800

66.1700, 15.5820,
37.0060

236.2160, 8.8000,
16.7360

39.1100, 15.8110,
38.3630

253.2390, 0.8250,
1.5690

23.3280, 11.9610,
31.0410

14.5410, 6.5070,
19.7470

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 144.0070, 17.5990,
38.9990

■ 144.0070, 17.5990,
38.9990

■ 132.5550, 22.2280,
48.7240

■ 155.7580, 13.5660,
29.4860

■ 120.8040, 26.2610,
58.2370

■ 167.2100, 8.9370,
19.7610

■ 109.3520, 30.8900,
67.9620

■ 178.6620, 4.3080,
10.0360

■ 97.6010, 34.9230,
77.4750

■ 190.4130, 0.2750,
0.5230

■ 85.5620, 39.8270,
87.7230

■ 201.8650, -4.3540,
-9.2020

74.3980, 43.5850,
96.7130

214.2030, -8.6620,
-19.2380

225.6550,
-13.2910, -28.9630

230.3620,
-14.0240, -32.2000

230.6610,
-13.4280, -31.9880

Harmonies

Analogous

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



140.7220, -30.3110, 26.2090



144.0070, 17.5990, 38.9990



141.2590, 51.9400, 38.8840

Triad

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



144.0070, 17.5990, 38.9990



135.9600, 49.0620, -19.1140



114.3430, -100.1290, -30.0890

Complementary

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



144.0070, 17.5990, 38.9990



160.9930, -17.5990, -38.9990

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.



109.3270, -86.0050, -43.7730



144.0070, 17.5990, 38.9990



131.8310, 18.2080, -32.6400

Square

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



144.0070, 17.5990, 38.9990



137.9430, 66.0680, 3.0920



123.9150, -26.1270, -38.6310



115.9850, -110.2640, -17.1120

Rectangle

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



144.0070, 17.5990, 38.9990



139.4480, 64.2290, 30.9250



123.9150, -26.1270, -38.6310



112.7470, -95.6350, -34.4430

Sweetspot

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



144.0070, 17.5990, 38.9990



229.3790, 6.7830, 14.7430



126.3000, -26.3670, 20.8090



114.1350, 4.3540, 9.2020



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



144.0070, 17.5990, 38.9990



175.0430, 27.0860, 59.8060



142.1530, 31.4470, 30.3190



88.7170, 2.4750, 4.7070



61.6660, 36.2980, 80.0900



11.9060, 6.7370, 15.5770

Inverse Universe

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



137.7070, 43.9660, 18.1900



165.3080, 67.4390, 27.8150



162.8470, -31.4470, -30.3190



87.8050, 5.0430, 2.2190



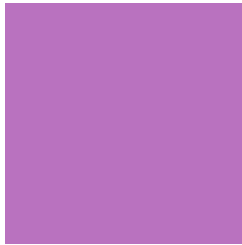
48.6100, 90.3160, 37.2280



9.4970, 17.8340, 7.1940

Previews

White Background



This preview shows how the YIQ color 144.0070, 17.5990, 38.9990 looks on a white background.

Color Contrast Check

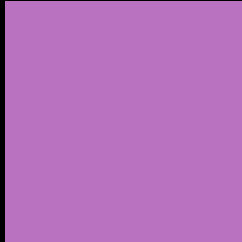
Large Text (above 18pt) WCAG AA ✓ Pass

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 144.0070, 17.5990, 38.9990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

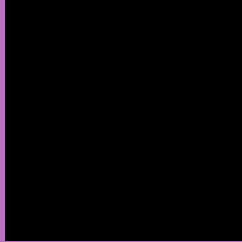
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 144.0070, 17.5990, 38.9990

Background



This preview shows how black text looks on a background with the YIQ color 144.0070, 17.5990, 38.9990.



This preview shows how white text looks on a background with the YIQ color 144.0070, 17.5990,

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

144.0070, 17.5990, 38.9990

Protanopia

139.3310, -36.8200, 17.5160

Deuteranopia

140.5960, -21.6890, 13.1190



Tritanopia

142.6880, 27.7820, 14.1340

Trichromacy



Original Color

144.0070, 17.5990, 38.9990



Protanomaly

140.7250, -17.1980, 25.3460



Deuteranomaly

141.7060, -7.0190, 22.5890



Tritanomaly

143.5170, 24.2500, 23.0820

Monochromacy



Original Color

144.0070, 17.5990, 38.9990



Achromatopsia

144.0000, -0.0000, 0.0000



Achromatomaly

143.9660, 6.5080, 14.2200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 144.0070, 17.5990, 38.9990 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(185, 114, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 114, 191)  
}
```

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(185, 114, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 114, 191) }
```

Border

The CSS property to change the border of an element to YIQ 144.0070, 17.5990, 38.9990 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(185, 114, 191) }
```


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

```
.border{ border-color:rgb(185, 114, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 114, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 114, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 114, 191); box-shadow:4px 4px 4px 4px rgb(185, 114, 191) }
```

Background

The CSS property to change the background color of an element to YIQ 144.0070, 17.5990, 38.9990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 114, 191) }
```

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

```
.background{ background-color: rgb(185,  
114, 191) }
```

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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