

Converting Colors

YIQ(148.5930, 1.8700, 54.2380)

Have a look what the booklet for
YIQ(148.5930, 1.8700, 54.2380)
contains.

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Color

**YIQ(148.5930, 1.8700,
54.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	B871EF
RGB	184, 113, 239
RGB Percent	72%, 44%, 94%
CMY	0.2782, 0.5570, 0.0628
CMYK	0.23, 0.53, 0.00, 0.06
HSL	274°, 80%, 69%
HSV	274°, 53%, 94%
XYZ	41.2607, 28.2324, 84.9183
YIQ	148.5930, 1.8700, 54.2380

Conversions

Conversions Part 2

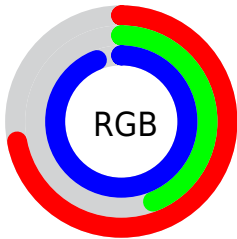
Format	Color
RYB	184, 113, 239
Decimal	12087791
CIELab	60.10, 50.58, -52.89
CIELCh	60, 73.185, 313.721
Yxy	28.2324, 0.2672, 0.1828
Android (android.graphics.Color)	4290277871 (0xFFB871EF)
YUV	148.5930, 44.5707, 31.0519
Hunter-Lab	53.1342, 45.6271, -57.5624

Details

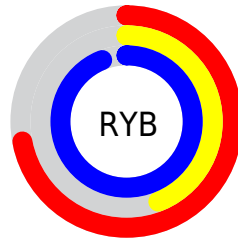
The YIQ color **148.5930, 1.8700, 54.2380** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **203.4070, -1.8700, -54.2380**, and the grayscale version is **148.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4570, 16.4520, 43.2680**, and **94.8270, 1.0910, 51.8350** is the 20% darker color. If you saturate the color by 10%, you get **131.5150, 2.5100, 64.6700**, and if you desaturate by 10%, it is **165.6710, 1.2300, 43.8060**.

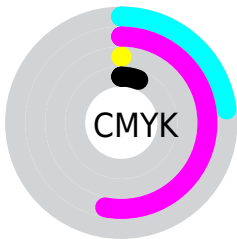
Distribution



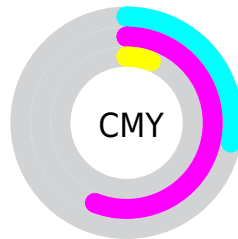
- Red (72%)
- Green (44%)
- Blue (94%)



- Red (72%)
- Yellow (44%)
- Blue (94%)



- Cyan (23%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.5930, 1.8700, 54.2380 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 148.5930, 1.8700, 54.2380 by changing the saturation by 10% instead.

■ 148.5930, 1.8700,
54.2380

■ 148.5930, 1.8700,
54.2380

■ 255.0000, -0.0000,
-0.0000

■ 121.6530, 1.6410,
52.8810

■ 199.4570, 16.4520,
43.2680

■ 94.8270, 1.0910,
51.8350

■ 219.7800, 16.5000,
31.3800

■ 68.1150, 0.2200,
51.1000

■ 236.2160, 8.8000,
16.7360

■ 37.5930, 1.8700,
54.2380

■ 253.2390, 0.8250,
1.5690

■ 24.8980, -6.8390,
41.3610

■ 14.8720, -13.1180,
28.4980

■ 6.1560, -17.3340,

16.7940

■ 4.8220, -10.8220,
8.9060

■ 0.3420, -0.9630,
0.9330

■ 148.5930, 1.8700,
54.2380

■ 148.5930, 1.8700,
54.2380

■ 131.5150, 2.5100,
64.6700

■ 165.6710, 1.2300,
43.8060

■ 114.1380, 2.5540,
74.8900

■ 183.0480, 1.1860,
33.5860

■ 97.0600, 3.1940,
85.3220

■ 200.1260, 0.5460,
23.1540

■ 79.6830, 3.2380,
95.5420

■ 217.5030, 0.5020,
12.9340

■ 67.6110, 3.7410,
102.9490

■ 233.9940, 0.1370,
3.0250

■ 250.7840, 0.3680,
-6.6720

■ 253.1760, 5.1360,
-4.9760

Harmonies

Analogous

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



124.3730, -98.5320, 12.5720



148.5930, 1.8700, 54.2380



141.3540, 62.9390, 65.3310

Triad

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



148.5930, 1.8700, 54.2380



136.1210, 84.9170, -24.6430



121.9740, -103.7040, -36.8880

Complementary

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



148.5930, 1.8700, 54.2380



203.4070, -1.8700, -54.2380

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.



113.0480, -81.3260, -56.9900



148.5930, 1.8700, 54.2380



132.5900, 46.0870, -47.8090

Square

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



148.5930, 1.8700, 54.2380



137.2680, 99.3060, 17.4660



121.9320, -16.7700, -59.5380



127.5260, -122.0930, -17.4930

Rectangle

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



148.5930, 1.8700, 54.2380



135.0560, 86.9650, 59.4210



121.9320, -16.7700, -59.5380



119.3520, -96.3210, -44.0410

Sweetspot

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



148.5930, 1.8700, 54.2380



225.5510, 0.5470, 17.6270



160.8230, -56.1210, 9.3750



110.0360, 0.3190, 10.7430



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.



148.5930, 1.8700, 54.2380



139.5630, 2.5550, 69.3630



164.3540, 36.5760, 64.0320



111.4610, 0.3200, 5.2160



52.0720, 2.9200, 79.2720



15.9520, 1.0960, 24.2000

Inverse Universe

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



156.9440, 57.4410, 43.8170



150.1190, 73.4860, 55.9020



187.6460, -36.5760, -64.0320



112.1580, 5.5470, 4.0990



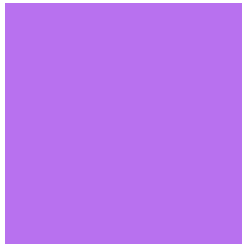
64.1360, 83.9840, 63.8880



19.4800, 25.6720, 19.3360

Previews

White Background



This preview shows how the YIQ color 148.5930, 1.8700, 54.2380 looks on a white background.

Color Contrast Check

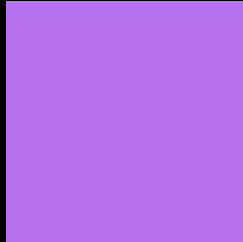
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.5930, 1.8700, 54.2380 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 148.5930, 1.8700, 54.2380

Background



This preview shows how black text looks on a background with the YIQ color 148.5930, 1.8700, 54.2380.



This preview shows how white text looks on a background with the YIQ color 148.5930, 1.8700,

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

148.5930, 1.8700, 54.2380

Protanopia

139.3450, -65.7980, 25.0660

Deuteranopia

139.6690, -58.3230, 16.2450



Tritanopia

147.1210, 16.1370, 10.4170

Trichromacy



Original Color

148.5930, 1.8700, 54.2380



Protanomaly

142.6580, -41.4540, 35.4260



Deuteranomaly

142.8340, -36.3180, 30.4500



Tritanomaly

147.6820, 10.7240, 25.9240

Monochromacy



Original Color

148.5930, 1.8700, 54.2380



Achromatopsia

149.0000, 0.0000, -0.0000



Achromatomaly

149.0180, 0.7300, 19.8180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.5930, 1.8700, 54.2380 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(184, 113, 239)` looks like.

```
.text, #text, p{  
    color:rgb(184, 113, 239)  
}
```

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(184, 113, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 113, 239) }
```

Border

The CSS property to change the border of an element to YIQ 148.5930, 1.8700, 54.2380 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(184, 113, 239) }
```


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

```
.border{ border-color:rgb(184, 113, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 113, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 113, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 113, 239);  
box-shadow:4px 4px 4px 4px rgb(184, 113,  
239) }
```

Background

The CSS property to change the background color of an element to YIQ 148.5930, 1.8700, 54.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 113, 239) }
```

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

```
.background{ background-color: rgb(184,  
113, 239) }
```

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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