

Converting Colors

YIQ(134.9120, 8.8820, 70.3380)

Have a look what the booklet for
YIQ(134.9120, 8.8820, 70.3380)
contains.

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Color

**YIQ(134.9120, 8.8820,
70.3380)**

Conversions

Conversions Part 1

Format	Color
Hex	BB57F5
RGB	187, 87, 245
RGB Percent	73%, 34%, 96%
CMY	0.2663, 0.6590, 0.0393
CMYK	0.24, 0.65, 0.00, 0.04
HSL	278°, 89%, 65%
HSV	278°, 65%, 96%
XYZ	40.3974, 23.9765, 88.8672
YIQ	134.9120, 8.8820, 70.3380

Conversions

Conversions Part 2

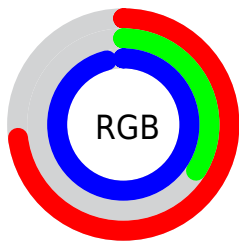
Format	Color
RYB	187, 87, 245
Decimal	12277749
CIELab	56.06, 65.31, -62.66
CIElCh	56, 90.506, 316.187
Yxy	23.9765, 0.2636, 0.1565
Android (android.graphics.Color)	4290467829 (0xFFBB57F5)
YUV	134.9120, 54.2734, 45.6812
Hunter-Lab	48.9658, 61.5745, -73.3283

Details

The YIQ color **134.9120, 8.8820, 70.3380** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **197.0880, -8.8820, -70.3380**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **186.2770, 26.3070, 57.4030**, and **75.2650, 9.3860, 72.2180** is the 20% darker color. If you saturate the color by 10%, you get **117.5460, 10.3930, 81.5050**, and if you desaturate by 10%, it is **151.6910, 7.6460, 59.6940**.

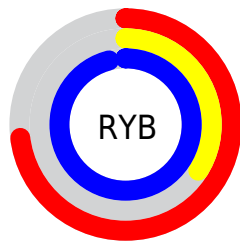
Distribution



Red (73%)

Green (34%)

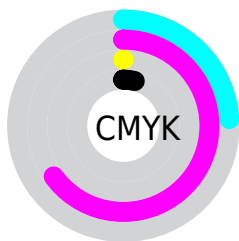
Blue (96%)



Red (73%)

Yellow (34%)

Blue (96%)

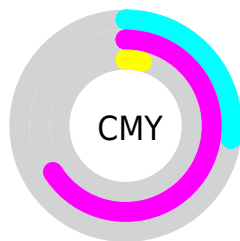


Cyan (24%)

Magenta (65%)

Yellow (0%)

Black (4%)



Cyan (27%)


Magenta (66%)


Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.9120, 8.8820, 70.3380 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 134.9120, 8.8820, 70.3380 by changing the saturation by 10% instead.


 134.9120, 8.8820,
70.3380


 134.9120, 8.8820,
70.3380

255.0000, -0.0000,
-0.0000


 106.4990, 8.6070,
69.8150

 186.2770, 26.3070,
57.4030


 75.2650, 9.3860,
72.2180


 205.1050, 23.3750,
44.4550


 48.1400, 8.2400,
70.9600

 222.1280, 15.4000,
29.2880

 36.6900, 0.2190,
56.6270

 239.1510, 7.4250,
14.1210

 24.4570, -9.9110,
41.9690

 9.6470, -25.7260,
25.7140

 7.1990, -18.8930,

17.5150

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 134.9120, 8.8820,
70.3380

■ 134.9120, 8.8820,
70.3380

■ 117.5460, 10.3930,
81.5050

■ 151.6910, 7.6460,
59.6940

■ 100.7670, 11.6290,
92.1490

■ 169.0570, 6.1350,
48.5270

■ 83.4010, 13.1400,
103.3160

■ 185.8360, 4.8990,
37.8830

■ 74.2750, 13.7350,
109.0550

■ 203.2020, 3.3880,
26.7160

219.9810, 2.1520,
16.0720

237.3470, 0.6410,
4.9050

252.3650, 0.2300,
-4.1700

253.8600, 3.2100,
-3.1100

Harmonies

Analogous

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



105.3800, -117.6050, 11.3150



134.9120, 8.8820, 70.3380



97.2440, 94.1090, 106.1810

Triad

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



134.9120, 8.8820, 70.3380



126.9730, 82.5780, -20.7980



118.0930, -102.4210, -32.6050

Complementary

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



134.9120, 8.8820, 70.3380



197.0880, -8.8820, -70.3380

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.



107.5710, -75.5490, -57.0610



134.9120, 8.8820, 70.3380



121.6040, 34.3040, -49.0240

Square

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



134.9120, 8.8820, 70.3380



117.0070, 121.9100, 15.3020



92.7460, -43.4500, -82.6340



125.1270, -124.9830, -9.1670

Rectangle

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



134.9120, 8.8820, 70.3380



90.1530, 112.8180, 92.0020



92.7460, -43.4500, -82.6340



115.0150, -93.7540, -41.0020

Sweetspot

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



134.9120, 8.8820, 70.3380



221.4420, 2.4720, 21.2880



139.0580, -66.6680, 18.8040



107.1010, 1.6940, 13.3580



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.



134.9120, 8.8820, 70.3380



118.4200, 10.9880, 87.2440



149.8600, 50.1910, 76.1030



113.7600, 0.9160, 5.4280



56.4860, 10.6220, 82.8620



17.7890, 3.1130, 26.1930

Inverse Universe

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



140.8540, 75.5500, 51.5340



125.8120, 93.7040, 63.9440



182.1400, -50.1910, -76.1030



114.1580, 5.5470, 4.0990



63.3660, 89.0280, 60.5800



20.0350, 28.4230, 19.0390

Previews

White Background



This preview shows how the YIQ color 134.9120, 8.8820, 70.3380 looks on a white background.

Color Contrast Check

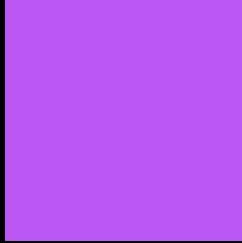
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9120, 8.8820, 70.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

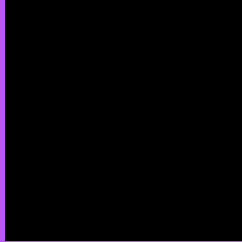
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.9120, 8.8820, 70.3380

Background



This preview shows how black text looks on a background with the YIQ color 134.9120, 8.8820, 70.3380.



This preview shows how white text looks on a background with the YIQ color 134.9120, 8.8820,

70.3380.

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

134.9120, 8.8820, 70.3380

Protanopia

125.1030, -79.7360, 24.3600

Deuteranopia

121.2730, -83.6310, 12.3450



Tritanopia

136.4920, 25.3980, 13.2860

Trichromacy



Original Color

134.9120, 8.8820, 70.3380



Protanomaly

128.7100, -47.2320, 41.0240



Deuteranomaly

126.1130, -50.1650, 33.6030



Tritanomaly

136.2150, 19.7090, 33.7970

Monochromacy



Original Color

134.9120, 8.8820, 70.3380



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

135.2620, 3.1590, 25.3590

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.9120, 8.8820, 70.3380 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(187, 87, 245)` looks like.

```
.text, #text, p{  
    color:rgb(187, 87, 245)  
}
```

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(187, 87, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 87, 245) }
```

Border

The CSS property to change the border of an element to YIQ 134.9120, 8.8820, 70.3380 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(187, 87, 245) }
```


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

```
.border{ border-color:rgb(187, 87, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 87, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 87, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 87, 245);  
box-shadow:4px 4px 4px 4px rgb(187, 87,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 134.9120, 8.8820, 70.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 87, 245) }
```

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

```
.background{ background-color: rgb(187, 87,  
245) }
```

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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