

Converting Colors

YIQ(130.9040, 11.3600, 58.4640)

Have a look what the booklet for
YIQ(130.9040, 11.3600, 58.4640)
contains.

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Color

**YIQ(130.9040, 11.3600,
58.4640)**

Conversions

Conversions Part 1

Format	Color
Hex	B25ADA
RGB	178, 90, 218
RGB Percent	70%, 35%, 85%
CMY	0.3017, 0.6472, 0.1452
CMYK	0.18, 0.59, 0.00, 0.15
HSL	281°, 63%, 60%
HSV	281°, 59%, 85%
XYZ	34.6832, 21.8411, 68.7080
YIQ	130.9040, 11.3600, 58.4640

Conversions

Conversions Part 2

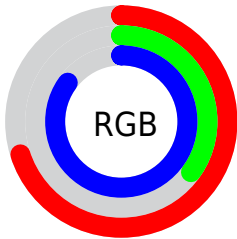
Format	Color
R _{YB}	178, 90, 218
Decimal	11688666
CIE Lab	53.86, 56.19, -51.10
CIE LCh	54, 75.948, 317.714
Yxy	21.8411, 0.2770, 0.1744
Android (android.graphics.Color)	4289878746 (0xFFB25ADA)
YUV	130.9040, 42.9383, 41.3032
Hunter-Lab	46.7344, 50.6855, -54.4528

Details

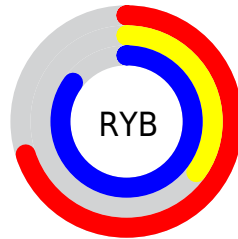
The YIQ color **130.9040, 11.3600, 58.4640** is a light color, and the websafe version is hex **CC66FF**. The color can be described as light muted purple. A complement of this color would be **177.0960, -11.3600, -58.4640**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **184.1620, 19.2010, 54.0250**, and **75.4910, 11.0850, 57.9410** is the 20% darker color. If you saturate the color by 10%, you get **115.8970, 13.2380, 68.4860**, and if you desaturate by 10%, it is **145.9110, 9.4820, 48.4420**.

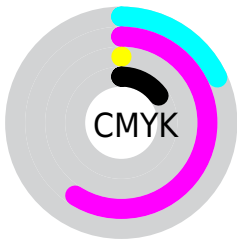
Distribution



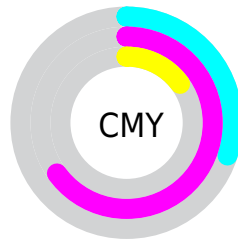
- Red (70%)
- Green (35%)
- Blue (85%)



- Red (70%)
- Yellow (35%)
- Blue (85%)



- Cyan (18%)
- Magenta (59%)
- Yellow (0%)
- Black (15%)



- Cyan (30%)
- Magenta (65%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 130.9040, 11.3600, 58.4640 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 130.9040, 11.3600, 58.4640 by changing the saturation by 10% instead.

130.9040, 11.3600,
58.4640

130.9040, 11.3600,
58.4640

255.0000, -0.0000,
-0.0000

103.4910, 11.0850,
57.9410

184.1620, 19.2010,
54.0250

75.4910, 11.0850,
57.9410

206.2790, 22.8250,
43.4090

43.4960, 12.6890,
61.9130

222.7150, 15.1250,
28.7650

32.5730, 4.6220,
48.4140

239.7380, 7.1500,
13.5980

21.5360, -3.1240,
34.6040

8.9330, -15.0880,
20.1440

5.3920, -12.4270,

10.4610

■ 2.1830, -4.7690,
3.8310

■ 0.0000, 0.0000,
0.0000

■ 130.9040, 11.3600,
58.4640

■ 130.9040, 11.3600,
58.4640

■ 115.8970, 13.2380,
68.4860

■ 145.9110, 9.4820,
48.4420

■ 100.8900, 15.1160,
78.5080

■ 160.9180, 7.6040,
38.4200

■ 86.7690, 17.3150,
88.2190

■ 175.0390, 5.4050,
28.7090

■ 71.7620, 19.1930,
98.2410

■ 190.0460, 3.5270,
18.6870

69.7020, 19.4220,
99.5980

205.0530, 1.6490,
8.6650

220.0600, -0.2290,
-1.3570

235.0670, -2.1070,
-11.3790

243.9050, -1.8310,
-16.3830

245.9980, 2.3410,
-14.8990

Harmonies

Analogous

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



112.0350, -94.2240, 22.6080



130.9040, 11.3600, 58.4640



117.4200, 71.7410, 71.0130

Triad

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



130.9040, 11.3600, 58.4640



121.3140, 74.1880, -22.9320



111.1970, -96.7820, -30.1740

Complementary

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



130.9040, 11.3600, 58.4640



177.0960, -11.3600, -58.4640

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.



102.2710, -74.4040, -50.2760



130.9040, 11.3600, 58.4640



116.0000, 33.2490, -46.4230

Square

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



130.9040, 11.3600, 58.4640



118.6930, 99.3070, 11.9390



94.4880, -42.1230, -68.1310



116.6350, -114.8500, -11.0900

Rectangle

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



130.9040, 11.3600, 58.4640



110.7090, 95.4920, 64.5800



94.4880, -42.1230, -68.1310



108.6890, -89.7200, -37.0160

Sweetspot

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



130.9040, 11.3600, 58.4640



223.8120, 4.3060, 21.0900



128.6590, -52.3630, 18.3650



108.2860, 2.6110, 13.2590



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.



130.9040, 11.3600, 58.4640



133.7700, 15.5740, 81.2220



140.2420, 42.5830, 59.7910



102.3470, 0.6410, 4.9050



55.3030, 15.3910, 79.0310



14.8120, 4.3060, 21.0900

Inverse Universe

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



132.8320, 63.4480, 39.5760



136.4920, 88.4330, 54.8410



167.7580, -42.5830, -59.7910



102.6310, 5.5930, 3.2650



57.8830, 85.7740, 53.4700



15.3500, 22.9220, 14.1060

Previews

White Background



This preview shows how the YIQ color 130.9040, 11.3600, 58.4640 looks on a white background.

Color Contrast Check

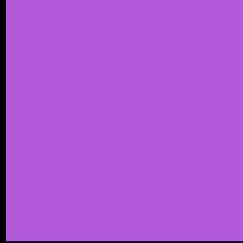
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9040, 11.3600, 58.4640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

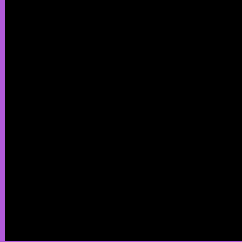
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.9040, 11.3600, 58.4640

Background



This preview shows how black text looks on a background with the YIQ color 130.9040, 11.3600, 58.4640.



This preview shows how white text looks on a background with the YIQ color 130.9040, 11.3600,

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

130.9040, 11.3600, 58.4640

Protanopia

117.4660, -85.1920, 24.1200

Deuteranopia

123.8710, -56.0760, 14.0680



Tritanopia

131.2640, 26.0400, 12.6640

Trichromacy



Original Color

130.9040, 11.3600, 58.4640



Protanomaly

122.1070, -50.0280, 36.6280



Deuteranomaly

126.1720, -31.4580, 30.4780



Tritanomaly

131.3520, 20.5810, 29.0050

Monochromacy



Original Color

130.9040, 11.3600, 58.4640



Achromatopsia

131.0000, -0.0000, -0.0000



Achromatomaly

130.9260, 3.9850, 21.4010

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.9040, 11.3600, 58.4640 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(178, 90, 218)` looks like.

```
.text, #text, p{  
    color:rgb(178, 90, 218)  
}
```

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(178, 90, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 90, 218) }
```

Border

The CSS property to change the border of an element to YIQ 130.9040, 11.3600, 58.4640 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(178, 90, 218) }
```


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

```
.border{ border-color:rgb(178, 90, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 90, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 90, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 90, 218);  
box-shadow:4px 4px 4px 4px rgb(178, 90,  
218) }
```

Background

The CSS property to change the background color of an element to YIQ 130.9040, 11.3600, 58.4640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 90, 218) }
```

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

```
.background{ background-color: rgb(178, 90,  
218) }
```

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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