

Converting Colors

YIQ(140.9000, -0.0120, 66.3240)

Have a look what the booklet for
YIQ(140.9000, -0.0120, 66.3240)
contains.

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Color

**YIQ(140.9000, -0.0120,
66.3240)**

Conversions

Conversions Part 1

Format	Color
Hex	B662FE
RGB	182, 98, 254
RGB Percent	71%, 38%, 100%
CMY	0.2860, 0.6158, 0.0040
CMYK	0.28, 0.61, 0.00, 0.00
HSL	272°, 99%, 69%
HSV	272°, 61%, 100%
XYZ	41.5582, 25.8369, 96.5367
YIQ	140.9000, -0.0120, 66.3240

Conversions

Conversions Part 2

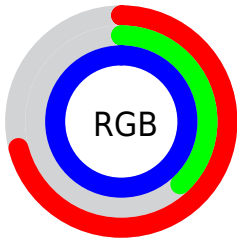
Format	Color
R _Y B	182, 98, 254
Decimal	11952894
CIE Lab	57.88, 61.04, -64.75
CIE LCh	58, 88.989, 313.310
Yxy	25.8369, 0.2535, 0.1576
Android (android.graphics.Color)	4290142974 (0xFFB662FE)
YUV	140.9000, 55.7583, 36.0447
Hunter-Lab	50.8300, 56.9874, -77.0229

Details

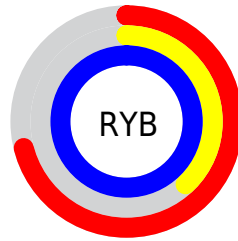
The YIQ color $140.9000, -0.0120, 66.3240$ is a light color, and the websafe version is hex $CC66FF$. A complement of this color would be $211.1000, 0.0120, -66.3240$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $190.3530, 19.9810, 50.9010$, and $84.6610, -0.8370, 64.7550$ is the 20% darker color. If you saturate the color by 10%, you get $122.6370, -0.2890, 76.8550$, and if you desaturate by 10%, it is $159.1630, 0.2650, 55.7930$.

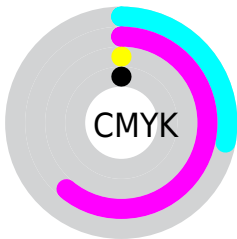
Distribution



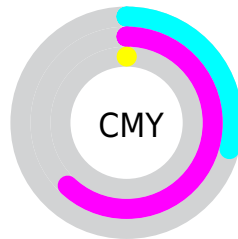
- Red (71%)
- Green (38%)
- Blue (100%)



- Red (71%)
- Yellow (38%)
- Blue (100%)



- Cyan (28%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.9000, -0.0120, 66.3240 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 140.9000, -0.0120, 66.3240 by changing the saturation by 10% instead.

140.9000, -0.0120,
66.3240

140.9000, -0.0120,
66.3240

255.0000, -0.0000,
-0.0000

113.0740, -0.5620,
65.2780

190.6520, 20.5770,
51.1130

84.6610, -0.8370,
64.7550

210.9750, 20.6250,
39.2250

51.0790, 1.0420,
69.2500

227.9980, 12.6500,
24.0580

35.8080, -5.9250,
57.8430

245.0210, 4.6750,
8.8910

22.6780, -17.8430,
42.5490

10.2600, -28.8900,
27.9900

7.4100, -20.8650,

20.2150

■ 6.5490, -14.3070,
11.4930

■ 2.8670, -6.6950,
5.6970

■ 140.9000, -0.0120,
66.3240

■ 140.9000, -0.0120,
66.3240

■ 122.6370, -0.2890,
76.8550

■ 159.1630, 0.2650,
55.7930

■ 104.0860, 0.3050,
88.1210

■ 177.7140, -0.3290,
44.5270

■ 85.8230, 0.0280,
98.6520

■ 195.9770, -0.0520,
33.9960

■ 69.9190, 0.1180,
108.0380

■ 214.8270, -0.0500,
22.9420

■ 233.0900, 0.2270,
12.4110

■ 251.0540, -0.0920,
1.6680

■ 254.8860, 0.3210,
-0.3110

Harmonies

Analogous

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



110.0760, -119.8050, 7.1310



140.9000, -0.0120, 66.3240



119.7440, 80.3570, 91.0850

Triad

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



140.9000, -0.0120, 66.3240



130.8490, 88.8590, -18.9890



120.6860, -102.8330, -36.1530

Complementary

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



140.9000, -0.0120, 66.3240



211.1000, 0.0120, -66.3240

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.



109.5770, -75.6860, -60.0860



140.9000, -0.0120, 66.3240



127.2520, 41.2270, -47.8370

Square

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



140.9000, -0.0120, 66.3240



123.3800, 119.6620, 23.0060



100.7750, -33.2260, -80.6980



127.7200, -125.3950, -12.7150

Rectangle

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



140.9000, -0.0120, 66.3240



91.5210, 108.9660, 95.7340



100.7750, -33.2260, -80.6980



117.0210, -93.8910, -44.0270

Sweetspot

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



140.9000, -0.0120, 66.3240



221.7190, 0.1340, 19.6060



158.6350, -70.1510, 10.3370



107.0900, 0.2270, 12.4110



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.



140.9000, -0.0120, 66.3240



118.0440, 0.1230, 80.4030



161.8580, 44.5050, 80.0330



118.5750, -0.0010, 5.5270



52.5710, 0.0770, 81.2370



17.4620, -0.2800, 27.1120

Inverse Universe

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



152.8520, 69.8640, 55.4640



132.4290, 84.7170, 67.1250



190.1420, -44.5050, -80.0330



119.5710, 5.8220, 4.6220



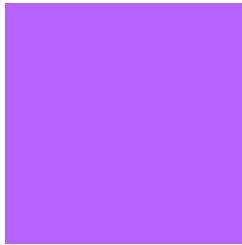
67.1410, 85.5880, 67.8600



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 140.9000, -0.0120, 66.3240 looks on a white background.

Color Contrast Check

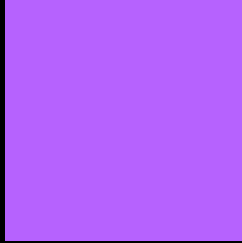
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9000, -0.0120, 66.3240 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 140.9000, -0.0120, 66.3240

Background



This preview shows how black text looks on a background with the YIQ color 140.9000, -0.0120, 66.3240.



This preview shows how white text looks on a background with the YIQ color 140.9000, -0.0120,

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

140.9000, -0.0120, 66.3240

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

124.4510, -90.0040, 12.2040



Tritanopia

140.8220, 15.5410, 10.2050

Trichromacy



Original Color

140.9000, -0.0120, 66.3240

Protanomaly

135.0690, -46.8650, 39.8790

Deuteranomaly

130.0520, -57.3630, 31.8930

Tritanomaly

140.5450, 9.8520, 30.7160

Monochromacy



Original Color

140.9000, -0.0120, 66.3240

Achromatopsia

141.0000, -0.0000, -0.0000

Achromatomaly

140.7670, 0.1790, 24.2990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.9000, -0.0120, 66.3240 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(182, 98, 254)` looks like.

```
.text, #text, p{  
    color:rgb(182, 98, 254)  
}
```

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(182, 98, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 98, 254) }
```

Border

The CSS property to change the border of an element to YIQ 140.9000, -0.0120, 66.3240 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(182, 98, 254) }
```


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

```
.border{ border-color:rgb(182, 98, 254) }
```

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

Here you see how a box with a 4 pixel rgb(182, 98, 254) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 98, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 98, 254);  
box-shadow:4px 4px 4px 4px rgb(182, 98,  
254) }
```

Background

The CSS property to change the background color of an element to YIQ 140.9000, -0.0120, 66.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 98, 254) }
```

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

```
.background{ background-color: rgb(182, 98,  
254) }
```

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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