

Converting Colors

YIQ(140.9460, 2.3740, 56.1180)

Have a look what the booklet for
YIQ(140.9460, 2.3740, 56.1180)
contains.

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Color

**YIQ(140.9460, 2.3740,
56.1180)**

Conversions

Conversions Part 1

Format	Color
Hex	B268EA
RGB	178, 104, 234
RGB Percent	70%, 41%, 92%
CMY	0.3017, 0.5923, 0.0824
CMYK	0.24, 0.56, 0.00, 0.08
HSL	274°, 76%, 66%
HSV	274°, 56%, 92%
XYZ	38.1703, 25.3063, 80.6972
YIQ	140.9460, 2.3740, 56.1180

Conversions

Conversions Part 2

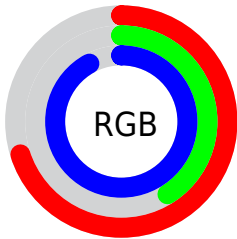
Format	Color
R _Y B	178, 104, 234
Decimal	11692266
CIE Lab	57.37, 52.63, -54.49
CIE LCh	57, 75.756, 314.006
Yxy	25.3063, 0.2648, 0.1755
Android (android.graphics.Color)	4289882346 (0xFFB268EA)
YUV	140.9460, 45.8756, 32.4964
Hunter-Lab	50.3054, 47.4062, -59.8960

Details

The YIQ color **140.9460, 2.3740, 56.1180** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **197.0540, -2.3740, -56.1180**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.3800, 15.3510, 46.7030**, and **87.1800, 1.5950, 53.7150** is the 20% darker color. If you saturate the color by 10%, you get **124.4550, 2.7390, 66.0270**, and if you desaturate by 10%, it is **157.4370, 2.0090, 46.2090**.

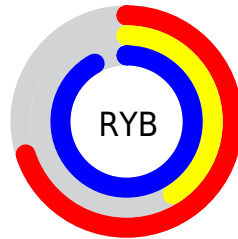
Distribution



Red (70%)

Green (41%)

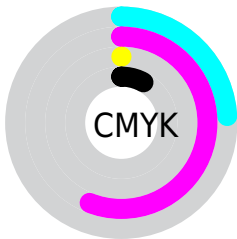
Blue (92%)



Red (70%)

Yellow (41%)

Blue (92%)

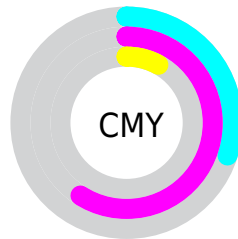


Cyan (24%)

Magenta (56%)

Yellow (0%)

Black (8%)



Cyan (30%)

Magenta (59%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.9460, 2.3740, 56.1180 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 140.9460, 2.3740, 56.1180 by changing the saturation by 10% instead.

140.9460, 2.3740,
56.1180

140.9460, 2.3740,
56.1180

255.0000, -0.0000,
-0.0000

114.0060, 2.1450,
54.7610

192.3800, 15.3510,
46.7030

87.1800, 1.5950,
53.7150

213.9100, 19.2500,
36.6100

59.2940, 1.2740,
54.0260

230.9330, 11.2750,
21.4430

33.8700, -0.4680,
52.5560

247.9560, 3.3000,
6.2760

22.2350, -9.4060,
38.3220

9.9310, -20.7740,
24.0740

8.0480, -17.1500,

13.4580

■ 3.7790, -9.2630,
8.1850

■ 0.0000, 0.0000,
0.0000

■ 140.9460, 2.3740,
56.1180

■ 140.9460, 2.3740,
56.1180

■ 124.4550, 2.7390,
66.0270

■ 157.4370, 2.0090,
46.2090

■ 107.3770, 3.3790,
76.4590

■ 174.5150, 1.3690,
35.7770

■ 90.8860, 3.7440,
86.3680

■ 191.0060, 1.0040,
25.8680

■ 73.8080, 4.3840,
96.8000

■ 208.0840, 0.3640,
15.4360

66.4430, 4.1540,
100.9700

224.5750, -0.0010,
5.5270

241.0660, -0.3660,
-4.3820

250.8120, 3.1650,
-7.8030

252.6060, 6.7410,
-6.5310

Harmonies

Analogous

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



108.3150, -118.9800, 8.7000



140.9460, 2.3740, 56.1180



131.4300, 65.7810, 68.8930

Triad

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



140.9460, 2.3740, 56.1180



129.9190, 82.6700, -22.4660



117.1810, -99.8530, -35.0930

Complementary

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



140.9460, 2.3740, 56.1180



197.0540, -2.3740, -56.1180

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.



108.1410, -77.1540, -55.5060



140.9460, 2.3740, 56.1180



125.7900, 42.6480, -46.0560

Square

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



140.9460, 2.3740, 56.1180



128.7520, 100.8190, 17.5790



111.7420, -19.2910, -63.4110



122.9610, -118.8840, -15.0760

Rectangle

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



140.9460, 2.3740, 56.1180



123.8550, 92.1450, 64.6650



111.7420, -19.2910, -63.4110



114.5590, -92.4700, -42.2460

Sweetspot

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



140.9460, 2.3740, 56.1180



224.0780, 0.5010, 18.4610



151.6920, -57.1300, 11.1420



109.4490, 0.5940, 11.2660



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.



140.9460, 2.3740, 56.1180



132.7960, 3.5170, 73.9570



156.6640, 38.6390, 65.1910



109.0480, 0.0450, 4.6930



51.4310, 3.2870, 78.1270



15.4250, 1.1420, 23.3660

Inverse Universe

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



149.2540, 59.5040, 44.9760



143.5650, 78.1620, 59.2660



181.3360, -38.6390, -65.1910



109.8590, 4.9510, 3.8870



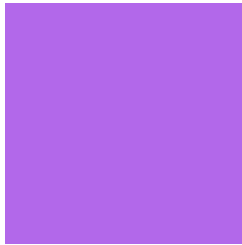
63.0110, 82.8380, 62.6300



18.7680, 24.8010, 18.6010

Previews

White Background



This preview shows how the YIQ color 140.9460, 2.3740, 56.1180 looks on a white background.

Color Contrast Check

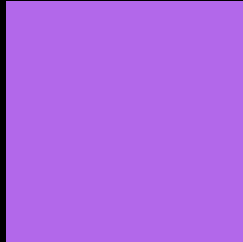
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.9460, 2.3740, 56.1180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

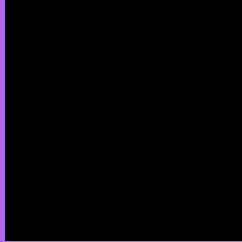
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.9460, 2.3740, 56.1180

Background



This preview shows how black text looks on a background with the YIQ color 140.9460, 2.3740, 56.1180.



This preview shows how white text looks on a background with the YIQ color 140.9460, 2.3740,

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

140.9460, 2.3740, 56.1180

Protanopia

130.1530, -74.0050, 25.1230

Deuteranopia

131.6900, -62.8160, 15.0720



Tritanopia

140.0070, 16.4580, 10.1060

Trichromacy



Original Color

140.9460, 2.3740, 56.1180



Protanomaly

133.8470, -46.3600, 36.2320



Deuteranomaly

134.8660, -39.3440, 30.2240



Tritanomaly

140.5080, 11.2740, 26.9700

Monochromacy



Original Color

140.9460, 2.3740, 56.1180



Achromatopsia

141.0000, -0.0000, -0.0000



Achromatomaly

141.1320, 0.4090, 20.1290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.9460, 2.3740, 56.1180 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, 104, 234)` looks like.

```
.text, #text, p{  
    color:rgb(178, 104, 234)  
}
```

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, 104, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 104, 234) }
```

Border

The CSS property to change the border of an element to YIQ 140.9460, 2.3740, 56.1180 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, 104, 234) }
```


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

```
.border{ border-color:rgb(178, 104, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 104, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 104, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 104, 234);  
box-shadow:4px 4px 4px 4px rgb(178, 104,  
234) }
```

Background

The CSS property to change the background color of an element to YIQ 140.9460, 2.3740, 56.1180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 104, 234) }
```

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

```
.background{ background-color: rgb(178,  
104, 234) }
```

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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