

Converting Colors

YIQ(140.4770, 5.6730, 67.9210)

Have a look what the booklet for
YIQ(140.4770, 5.6730, 67.9210)
contains.

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Color

**YIQ(140.4770, 5.6730,
67.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	BC5FFA
RGB	188, 95, 250
RGB Percent	74%, 37%, 98%
CMY	0.2624, 0.6276, 0.0197
CMYK	0.25, 0.62, 0.00, 0.02
HSL	276°, 94%, 68%
HSV	276°, 62%, 98%
XYZ	42.0992, 25.7797, 93.1791
YIQ	140.4770, 5.6730, 67.9210

Conversions

Conversions Part 2

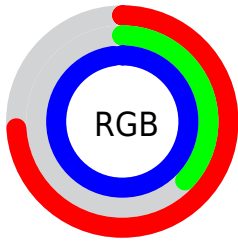
Format	Color
R_{YB}	188, 95, 250
Decimal	12345338
CIE _{Lab}	57.83, 62.92, -62.59
CIE _{LCh}	58, 88.749, 315.148
Yxy	25.7797, 0.2614, 0.1601
Android (android.graphics.Color)	4290535418 (0xFFBC5FFA)
YUV	140.4770, 53.9948, 41.6777
Hunter-Lab	50.7737, 59.1498, -73.2666

Details

The YIQ color **140.4770, 5.6730, 67.9210** 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 **204.5230, -5.6730, -67.9210**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.2720, 24.7030, 53.4310**, and **83.1780, 5.0770, 67.7090** is the 20% darker color. If you saturate the color by 10%, you get **122.8120, 6.5880, 78.8760**, and if you desaturate by 10%, it is **158.1420, 4.7580, 56.9660**.

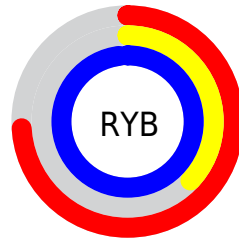
Distribution



Red (74%)

Green (37%)

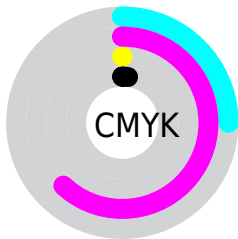
Blue (98%)



Red (74%)

Yellow (37%)

Blue (98%)

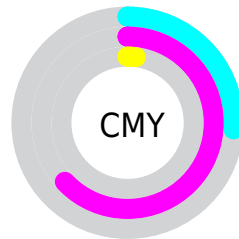


Cyan (25%)

Magenta (62%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (63%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.4770, 5.6730, 67.9210 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 140.4770, 5.6730, 67.9210 by changing the saturation by 10% instead.

140.4770, 5.6730,
67.9210

140.4770, 5.6730,
67.9210

255.0000, -0.0000,
-0.0000

112.6510, 5.1230,
66.8750

191.2720, 24.7030,
53.4310

83.1780, 5.0770,
67.7090

209.8010, 21.1750,
40.2710

49.3080, 7.8270,
72.9390

226.8240, 13.2000,
25.1040

37.5590, -0.7900,
58.3940

243.8470, 5.2250,
9.9370

25.2120, -10.5990,
43.4250

11.2990, -24.6260,
27.8060

7.0680, -19.9020,

19.2820

■ 6.2070, -13.3440,
10.5600

■ 2.4110, -5.4110,
4.4530

■ 140.4770, 5.6730,
67.9210

■ 140.4770, 5.6730,
67.9210

■ 122.8120, 6.5880,
78.8760

■ 158.1420, 4.7580,
56.9660

■ 105.1470, 7.5030,
89.8310

■ 175.8070, 3.8430,
46.0110

■ 87.4820, 8.4180,
100.7860

■ 193.4720, 2.9280,
35.0560

■ 73.3500, 9.1500,
109.5500

■ 211.1370, 2.0130,
24.1010

■ 228.8020, 1.0980,
13.1460

■ 246.4670, 0.1830,
2.1910

■ 254.4300, 1.6050,
-1.5550

Harmonies

Analogous

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



108.9020, -119.2550, 8.1770



140.4770, 5.6730, 67.9210



117.4240, 84.2540, 92.0460

Triad

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



140.4770, 5.6730, 67.9210



130.8270, 85.9250, -20.8830



121.2560, -104.4380, -34.5980

Complementary

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



140.4770, 5.6730, 67.9210



204.5230, -5.6730, -67.9210

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.



110.1470, -77.2910, -58.5310



140.4770, 5.6730, 67.9210



126.3440, 37.9720, -49.4200

Square

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



140.4770, 5.6730, 67.9210



123.5600, 118.9750, 18.9350



95.0940, -44.5500, -84.7260



128.1760, -126.6790, -11.4710

Rectangle

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



140.4770, 5.6730, 67.9210



90.9510, 110.5710, 94.1790



95.0940, -44.5500, -84.7260



117.5910, -95.4960, -42.4720

Sweetspot

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



140.4770, 5.6730, 67.9210



221.1430, 1.8760, 21.0760



149.0640, -66.8050, 15.7790



106.8020, 1.0980, 13.1460



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.



140.4770, 5.6730, 67.9210



121.6320, 7.2750, 82.9470



157.1910, 47.7610, 76.0890



115.8740, 0.5950, 5.7390



55.3330, 6.6790, 82.7350



18.0170, 2.4710, 26.8150

Inverse Universe

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



148.4130, 72.4780, 52.1420



131.1750, 88.2480, 63.7040



187.6950, -47.4400, -76.4000



116.4570, 6.1430, 4.3110



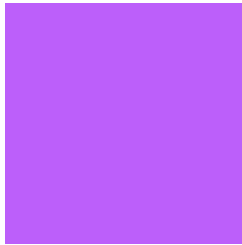
65.0610, 88.5690, 63.3930



20.9750, 28.6520, 20.3960

Previews

White Background



This preview shows how the YIQ color 140.4770, 5.6730, 67.9210 looks on a white background.

Color Contrast Check

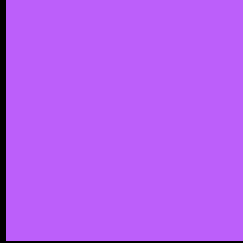
Large Text (above 18pt) WCAG AA ✓ Pass

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 140.4770, 5.6730, 67.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

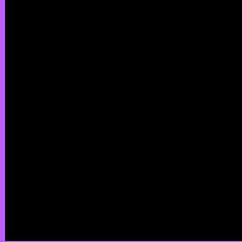
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.4770, 5.6730, 67.9210

Background



This preview shows how black text looks on a background with the YIQ color 140.4770, 5.6730, 67.9210.



This preview shows how white text looks on a background with the YIQ color 140.4770, 5.6730,

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

140.4770, 5.6730, 67.9210

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

127.5830, -81.5680, 13.5040



Tritanopia

141.2850, 21.5470, 11.4910

Trichromacy



Original Color

140.4770, 5.6730, 67.9210



Protanomaly

134.2650, -44.4810, 40.7270



Deuteranomaly

131.9990, -49.8440, 33.2920



Tritanomaly

141.0080, 15.8580, 32.0020

Monochromacy



Original Color

140.4770, 5.6730, 67.9210



Achromatopsia

140.0000, 0.0000, 0.0000



Achromatomaly

140.2510, 1.6920, 24.4120

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.4770, 5.6730, 67.9210 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(188, 95, 250)` looks like.

```
.text, #text, p{  
    color:rgb(188, 95, 250)  
}
```

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(188, 95, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 95, 250) }
```

Border

The CSS property to change the border of an element to YIQ 140.4770, 5.6730, 67.9210 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(188, 95, 250) }
```


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

```
.border{ border-color:rgb(188, 95, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 95, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 95, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 95, 250);  
box-shadow:4px 4px 4px 4px rgb(188, 95,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 140.4770, 5.6730, 67.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 95, 250) }
```

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

```
.background{ background-color: rgb(188, 95,  
250) }
```

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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