

Converting Colors

YIQ(84.4260, 38.3550, 114.4110)

Have a look what the booklet for
YIQ(84.4260, 38.3550, 114.4110)
contains.

YIQ(84.4260, 38.3550, 114.4110)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(84.4260, 38.3550,
114.4110)**

Conversions

Conversions Part 1

Format	Color
Hex	C000ED
RGB	192, 0, 237
RGB Percent	75%, 0%, 93%
CMY	0.2464, 0.9999, 0.0706
CMYK	0.19, 1.00, 0.00, 0.07
HSL	289°, 100%, 46%
HSV	289°, 100%, 93%
XYZ	37.0622, 17.3406, 81.5083
YIQ	84.4260, 38.3550, 114.4110

Conversions

Conversions Part 2

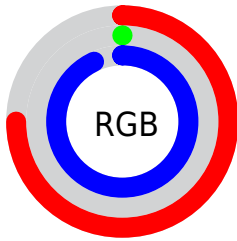
Format	Color
RYB	192, 0, 237
Decimal	12583149
CIELab	48.69, 86.47, -70.07
CIELCh	49, 111.294, 320.980
Yxy	17.3406, 0.2727, 0.1276
Android (android.graphics.Color)	4290773229 (0xFFC000ED)
YUV	84.4260, 75.2190, 94.3424
Hunter-Lab	41.6420, 85.9949, -86.9024

Details

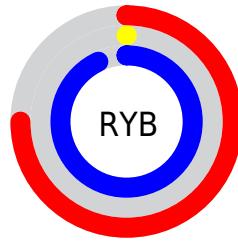
The YIQ color **84.4260, 38.3550, 114.4110** is a dark color, and the websafe version is hex **CC33FF**. The color can be described as middle washed magenta. A complement of this color would be **152.5740, -38.3550, -114.4110**, and the grayscale version is **84.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **159.3080, 43.3580, 84.3020**, and **59.9880, 20.8920, 83.9640** is the 20% darker color. If you saturate the color by 10%, you get **84.4260, 38.3550, 114.4110**, and if you desaturate by 10%, it is **100.0090, 34.7350, 102.9190**.

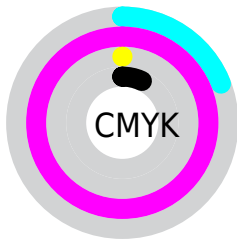
Distribution



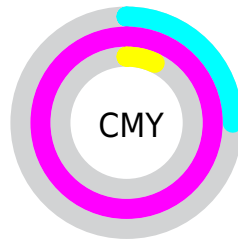
- Red (75%)
- Green (0%)
- Blue (93%)



- Red (75%)
- Yellow (0%)
- Blue (93%)



- Cyan (19%)
- Magenta (100%)
- Yellow (0%)
- Black (7%)



- Cyan (25%)
- Magenta (100%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 84.4260, 38.3550, 114.4110 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 84.4260, 38.3550, 114.4110 by changing the saturation by 10% instead.

84.4260, 38.3550,
114.4110

84.4260, 38.3550,
114.4110

255.0000, -0.0000,
-0.0000

72.1500, 29.7840,
99.0320

159.3080, 43.3580,
84.3020

59.9880, 20.8920,
83.9640

178.1030, 36.0250,
68.5130

47.8260, 12.0000,
68.8960

195.7130, 27.7750,
52.8230

35.7780, 2.7870,
54.1390

213.3230, 19.5250,
37.1330

24.2570, -6.4720,
40.2160

230.9330, 11.2750,
21.4430

8.4360, -23.7540,
23.0140

248.5430, 3.0250,

8.1620, -17.4710,

5.7530

13.7690

■ 4.4800, -9.8590,
7.9730

■ 0.0000, 0.0000,
0.0000

■ 84.4260, 38.3550,
114.4110

■ 100.0090, 34.7350,
102.9190

■ 114.7060, 30.7940,
91.7380

■ 130.2890, 27.1740,
80.2460

■ 145.5730, 22.9580,
68.5420

■ 161.1560, 19.3380,
57.0500

■ 175.8530, 15.3970,
45.8690

■ 191.4360, 11.7770,
34.3770

■ 206.7200, 7.5610,
22.6730

■ 221.7160, 4.2160,
11.7040

Harmonies

Analogous

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



91.2920, -111.0050, 23.8670



84.4260, 38.3550, 114.4110



93.1170, 104.4720, 100.0880

Triad

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



84.4260, 38.3550, 114.4110



109.2090, 70.2900, -18.3660



108.7980, -99.6720, -21.8480

Complementary

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



84.4260, 38.3550, 114.4110



152.5740, -38.3550, -114.4110

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.



96.3380, -67.3430, -51.5910



84.4260, 38.3550, 114.4110



98.7350, 8.9500, -52.0900

Square

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



84.4260, 38.3550, 114.4110



85.4940, 128.5090, 33.3810



83.9410, -39.3250, -74.7890



116.5330, -122.8300, 1.3780

Rectangle

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



84.4260, 38.3550, 114.4110



86.1630, 124.0530, 81.1170



83.9410, -39.3250, -74.7890



104.5630, -89.1250, -31.2770

Sweetspot

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



84.4260, 38.3550, 114.4110



206.2020, 12.5560, 36.7800



54.6070, -89.0020, 49.1260



98.3070, 7.2860, 22.1500



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.



84.4260, 38.3550, 114.4110



90.9630, 41.5170, 123.1890



89.7870, 87.9660, 101.8700



109.9450, 1.8330, 5.3290



64.5870, 29.5110, 87.4550



19.0130, 8.2940, 25.9100

Inverse Universe

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



75.9930, 126.8070, 64.2390



81.7170, 136.5720, 68.9880



147.2130, -87.9660, -101.8700



109.5170, 5.9140, 2.9540



57.9950, 96.9620, 48.9460



17.2860, 28.9740, 14.5580

Previews

White Background



This preview shows how the YIQ color 84.4260, 38.3550, 114.4110 looks on a white 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

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

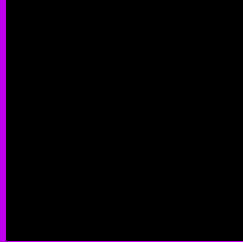
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 84.4260, 38.3550, 114.4110

Background



This preview shows how black text looks on a background with the YIQ color 84.4260, 38.3550, 114.4110.



This preview shows how white text looks on a background with the YIQ color 84.4260, 38.3550,

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

84.4260, 38.3550, 114.4110

Protanopia

93.4630, -107.4730, 14.9190

Deuteranopia

94.2660, -100.0890, 2.2390



Tritanopia

117.7180, 45.4330, 19.1370

Trichromacy



Original Color

84.4260, 38.3550, 114.4110



Protanomaly

90.3260, -54.4780, 51.2020



Deuteranomaly

90.5080, -49.4790, 43.2010



Tritanomaly

105.5530, 42.9050, 53.9530

Monochromacy



Original Color

84.4260, 38.3550, 114.4110



Achromatopsia

84.0000, -0.0000, -0.0000



Achromatomaly

83.8480, 13.7930, 41.8970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 84.4260, 38.3550, 114.4110 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(192, 0, 237)` looks like.

```
.text, #text, p{  
    color:rgb(192, 0, 237)  
}
```

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(192, 0, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 0, 237) }
```

Border

The CSS property to change the border of an element to YIQ 84.4260, 38.3550, 114.4110 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(192, 0, 237) }
```


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

```
.border{ border-color:rgb(192, 0, 237) }
```

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

Here you see how a box with a 4 pixel rgb(192, 0, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 0, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 0, 237);  
box-shadow:4px 4px 4px 4px rgb(192, 0,  
237) }
```

Background

The CSS property to change the background color of an element to YIQ 84.4260, 38.3550, 114.4110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 0, 237) }
```

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

```
.background{ background-color: rgb(192, 0,  
237) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor