

Converting Colors

YIQ(89.2250, 43.5350, 119.6550)

Have a look what the booklet for
YIQ(89.2250, 43.5350, 119.6550)
contains.

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Color

**YIQ(89.2250, 43.5350,
119.6550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CD00F5 |
| RGB | 205, 0, 245 |
| RGB Percent | 80%, 0%, 96% |
| CMY | 0.1954, 0.9999, 0.0392 |
| CMYK | 0.16, 1.00, 0.00, 0.04 |
| HSL | 290°, 100%, 48% |
| HSV | 290°, 100%, 96% |
| XYZ | 41.7027, 19.5947, 87.9669 |
| YIQ | 89.2250, 43.5350, 119.6550 |

Conversions

Conversions Part 2

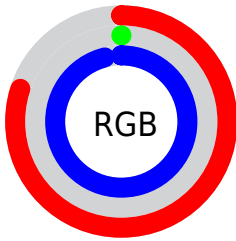
| Format | Color |
|-------------------------------------|---|
| RYB | 205, 0, 245 |
| Decimal | 13435125 |
| CIELab | 51.38, 89.52, -70.11 |
| CIELCh | 51, 113.709, 321.935 |
| Yxy | 19.5947, 0.2794, 0.1313 |
| Android (android.graphics.Color) | 4291625205 (0xFFCD00F5) |
| YUV | 89.2250, 76.7971, 101.5347 |
| Hunter-Lab | 44.2659, 90.6987, -86.8373 |

Details

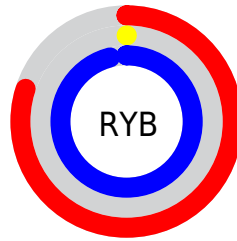
The YIQ color **89.2250, 43.5350, 119.6550** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **155.7750, -43.5350, -119.6550**, and the grayscale version is **88.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **161.6670, 43.7250, 83.1570**, and **64.7870, 26.0720, 89.2080** is the 20% darker color. If you saturate the color by 10%, you get **89.2250, 43.5350, 119.6550**, and if you desaturate by 10%, it is **105.0960, 39.0440, 107.4280**.

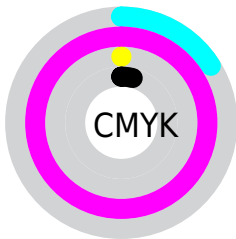
Distribution



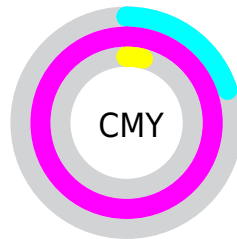
- Red (80%)
- Green (0%)
- Blue (96%)



- Red (80%)
- Yellow (0%)
- Blue (96%)



- Cyan (16%)
- Magenta (100%)
- Yellow (0%)
- Black (4%)



- Cyan (20%)
- Magenta (100%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 89.2250, 43.5350, 119.6550 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 89.2250, 43.5350, 119.6550 by changing the saturation by 10% instead.

89.2250, 43.5350,
119.6550

89.2250, 43.5350,
119.6550

255.0000, -0.0000,
-0.0000

76.9490, 34.9640,
104.2760

161.6670, 43.7250,
83.1570

64.7870, 26.0720,
89.2080

179.8640, 35.2000,
66.9440

52.6250, 17.1800,
74.1400

198.0610, 26.6750,
50.7310

40.5770, 7.9670,
59.3830

215.6710, 18.4250,
35.0410

28.9420, -0.9710,
45.1490

233.2810, 10.1750,
19.3510

14.3170, -15.8690,
28.7950

251.4780, 1.6500,

6.4980, -18.2970,

3.1380

17.7270

■ 5.0500, -11.4640,
9.5280

■ 1.0260, -2.8890,
2.7990

■ 89.2250, 43.5350,
119.6550

■ 105.0960, 39.0440,
107.4280

■ 120.3800, 34.8280,
95.7240

■ 136.2510, 30.3370,
83.4970

■ 151.5350, 26.1210,
71.7930

■ 167.4060, 21.6300,
59.5660

■ 182.6900, 17.4140,
47.8620

■ 198.5610, 12.9230,
35.6350

■ 213.8450, 8.7070,
23.9310

■ 229.7160, 4.2160,
11.7040

Harmonies

Analogous

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



93.6400, -112.1050, 21.7750



89.2250, 43.5350, 119.6550



93.6870, 102.8670, 101.6430

Triad

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



89.2250, 43.5350, 119.6550



115.6990, 71.6660, -21.2780



114.8620, -105.7240, -22.3000

Complementary

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



89.2250, 43.5350, 119.6550



155.7750, -43.5350, -119.6550

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.



102.0600, -72.4320, -52.9760



89.2250, 43.5350, 119.6550



104.0290, 7.9420, -55.8500

Square

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



89.2250, 43.5350, 119.6550



95.2290, 130.5730, 29.0130



88.6370, -41.5250, -78.9730



121.2290, -125.0300, -2.8060

Rectangle

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



89.2250, 43.5350, 119.6550



86.5050, 123.0900, 82.0500



88.6370, -41.5250, -78.9730



111.1000, -95.1310, -32.5630

Sweetspot

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



89.2250, 43.5350, 119.6550



206.8000, 13.7480, 37.2040



51.9970, -89.9200, 54.7520



98.6060, 7.8820, 22.3620



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.



89.2250, 43.5350, 119.6550



93.0560, 45.6890, 124.6730



91.8370, 93.6970, 102.6330



114.3580, 2.1080, 5.8520



67.8480, 33.2700, 90.9180



21.3770, 10.2650, 28.7370

Inverse Universe

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



77.8150, 133.1800, 64.3800



80.9190, 138.8190, 66.8110



153.1630, -93.6970, -102.6330



113.8160, 6.5100, 3.1660



59.0340, 101.2260, 48.7620



18.7810, 31.9540, 15.6180

Previews

White Background



This preview shows how the YIQ color 89.2250, 43.5350, 119.6550 looks on a white background.

Color Contrast Check

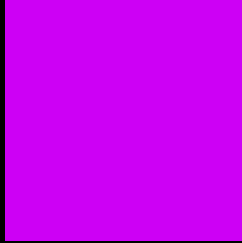
Large Text (above 18pt) WCAG AA ✓ Pass

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 89.2250, 43.5350, 119.6550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

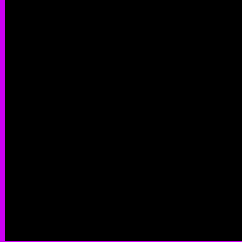
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 89.2250, 43.5350, 119.6550

Background



This preview shows how black text looks on a background with the YIQ color 89.2250, 43.5350, 119.6550.



This preview shows how white text looks on a background with the YIQ color 89.2250, 43.5350,

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

89.2250, 43.5350, 119.6550

Deuteranopia

99.2700, -105.9120, 3.1440

Tritanopia

123.7080, 51.3930, 21.2570

Trichromacy



Original Color

89.2250, 43.5350, 119.6550

Deuteranomaly

95.6050, -51.1300, 45.5900

Tritanomaly

111.1840, 48.4980, 57.2180

Monochromacy



Original Color

89.2250, 43.5350, 119.6550

Achromatopsia

89.0000, -0.0000, -0.0000

Achromatomaly

89.2720, 15.5350, 43.3670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 89.2250, 43.5350, 119.6550 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(205, 0, 245)` looks like.

```
.text, #text, p{  
    color:rgb(205, 0, 245)  
}
```

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(205, 0, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 0, 245) }
```

Border

The CSS property to change the border of an element to YIQ 89.2250, 43.5350, 119.6550 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(205, 0, 245) }
```

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

```
.border{ border-color:rgb(205, 0, 245) }
```

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

Here you see how a box with a 4 pixel rgb(205, 0, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 0, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 0, 245);  
box-shadow:4px 4px 4px 4px rgb(205, 0,  
245) }
```


Background

The CSS property to change the background color of an element to YIQ 89.2250, 43.5350, 119.6550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 0, 245) }
```

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

```
.background{ background-color: rgb(205, 0,  
245) }
```

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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