

Converting Colors

YIQ(95.6870, 42.1140, 117.8740)

Have a look what the booklet for
YIQ(95.6870, 42.1140, 117.8740)
contains.

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Color

**YIQ(95.6870, 42.1140,
117.8740)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D108FA |
| RGB | 209, 8, 250 |
| RGB Percent | 82%, 3%, 98% |
| CMY | 0.1798, 0.9689, 0.0196 |
| CMYK | 0.16, 0.97, 0.00, 0.02 |
| HSL | 290°, 96%, 51% |
| HSV | 290°, 97%, 98% |
| XYZ | 43.6803, 20.6524, 92.1223 |
| YIQ | 95.6870, 42.1140, 117.8740 |

Conversions

Conversions Part 2

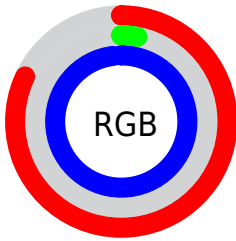
| Format | Color |
|-------------------------------------|--|
| RYB | 209, 8, 250 |
| Decimal | 13699322 |
| CIELab | 52.57, 90.30, -70.94 |
| CIELCh | 53, 114.837, 321.847 |
| Yxy | 20.6524, 0.2792, 0.1320 |
| Android (android.graphics.Color) | 4291889402 (0xFFD108FA) |
| YUV | 95.6870, 76.0763, 99.3755 |
| Hunter-Lab | 45.4449, 92.0406, -88.3767 |

Details

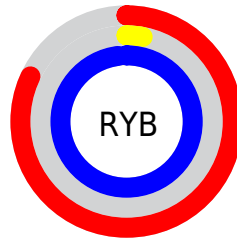
The YIQ color **95.6870, 42.1140, 117.8740** is a light color, and the websafe version is hex **CC00FF**. The color can be described as light saturated magenta. A complement of this color would be **162.3130, -42.1140, -117.8740**, and the grayscale version is **95.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **162.8410, 43.1750, 82.1110**, and **66.1400, 26.5760, 91.0880** is the 20% darker color. If you saturate the color by 10%, you get **90.6920, 43.7180, 121.8460**, and if you desaturate by 10%, it is **111.5580, 37.6230, 105.6470**.

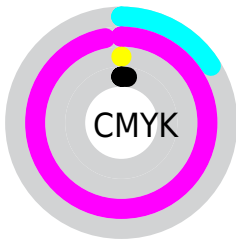
Distribution



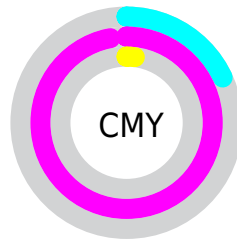
- Red (82%)
- Green (3%)
- Blue (98%)



- Red (82%)
- Yellow (3%)
- Blue (98%)



- Cyan (16%)
- Magenta (97%)
- Yellow (0%)
- Black (2%)





- Cyan (18%)
- Magenta (97%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 95.6870, 42.1140, 117.8740 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 95.6870, 42.1140, 117.8740 by changing the saturation by 10% instead.


 95.6870, 42.1140,
117.8740


 95.6870, 42.1140,
117.8740


255.0000, -0.0000,
-0.0000


 78.7150, 35.7430,
106.6790


 162.8410, 43.1750,
82.1110


 66.4390, 27.1720,
91.3000


 181.6250, 34.3750,
65.3750

 54.2770, 18.2800,
76.2320


 199.2350, 26.1250,
49.6850

 42.2290, 9.0670,
61.4750

 217.4320, 17.6000,
33.4720

 30.2950, -0.4670,
47.0290

 235.0420, 9.3500,
17.7820

 16.2680, -14.1730,
31.0990

 253.2390, 0.8250,

 6.9540, -19.5810,

1.5690

18.9710

■ 6.0930, -13.0230,
10.2490

■ 2.2970, -5.0900,
4.1420

■ 95.6870, 42.1140,
117.8740

■ 95.6870, 42.1140,
117.8740

■ 90.6920, 43.7180,
121.8460

■ 111.5580, 37.6230,
105.6470

■ 127.7280, 33.7280,
93.6320

■ 143.5990, 29.2370,
81.4050

■ 159.4700, 24.7460,
69.1780

■ 175.3410, 20.2550,
56.9510

■ 191.2120, 15.7640,
44.7240

■ 207.3820, 11.8690,
32.7090

■ 223.2530, 7.3780,
20.4820

■ 239.1240, 2.8870,
8.2550

Harmonies

Analogous

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



95.4010, -112.9300, 20.2060



95.6870, 42.1140, 117.8740



94.1430, 101.5830, 102.8870

Triad

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



95.6870, 42.1140, 117.8740



118.6560, 73.2250, -21.9990



117.5520, -107.7870, -23.4590

Complementary

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



95.6870, 42.1140, 117.8740



162.3130, -42.1140, -117.8740

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.



104.0490, -73.8990, -53.9230



95.6870, 42.1140, 117.8740



106.6870, 8.9050, -56.7830

Square

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



95.6870, 42.1140, 117.8740



98.4850, 132.7280, 28.5040



90.3980, -42.3500, -80.5420



123.5770, -126.1300, -4.8980

Rectangle

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



95.6870, 42.1140, 117.8740



86.8470, 122.1270, 82.9830



90.3980, -42.3500, -80.5420



113.2030, -96.9190, -33.1990

Sweetspot

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



95.6870, 42.1140, 117.8740



207.9740, 13.1980, 36.1580



61.4160, -89.7820, 52.2500



99.1930, 7.6070, 21.8390



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.



95.6870, 42.1140, 117.8740



92.4580, 44.4970, 124.2490



99.1680, 91.2670, 102.6190



116.7710, 2.3830, 6.3750



68.4890, 32.9030, 92.0630



22.2030, 10.8150, 29.7830

Inverse Universe

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



85.0320, 131.0710, 64.0550



81.1470, 138.1770, 67.4330



158.8320, -91.2670, -102.6190



116.2290, 6.7850, 3.6890



60.1590, 102.3720, 50.0200



19.3790, 33.1460, 16.0420

Previews

White Background



This preview shows how the YIQ color 95.6870, 42.1140, 117.8740 looks on a white background.

Color Contrast Check

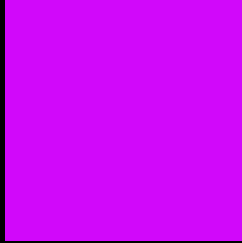
Large Text (above 18pt) WCAG AA ✓ Pass

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 95.6870, 42.1140, 117.8740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

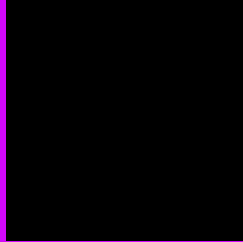
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 95.6870, 42.1140, 117.8740

Background



This preview shows how black text looks on a background with the YIQ color 95.6870, 42.1140, 117.8740.



This preview shows how white text looks on a background with the YIQ color 95.6870, 42.1140,

117.8740.

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

95.6870, 42.1140, 117.8740

Protanopia

107.5610, -101.6970, 20.3750

Deuteranopia

101.6010, -108.3420, 3.1300



Tritanopia

126.3060, 52.5850, 21.6810

Trichromacy



Original Color

95.6870, 42.1140, 117.8740



Protanomaly

103.5980, -49.2520, 55.6120



Deuteranomaly

99.4090, -53.5140, 44.7420



Tritanomaly

115.0700, 48.8190, 56.9070

Monochromacy



Original Color

95.6870, 42.1140, 117.8740



Achromatopsia

96.0000, -0.0000, 0.0000



Achromatomaly

95.8590, 15.2600, 42.8440

CSS Examples

Text

The CSS property to change the color of the text to YIQ 95.6870, 42.1140, 117.8740 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(209, 8, 250)` looks like.

```
.text, #text, p{  
    color:rgb(209, 8, 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(209, 8, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 8, 250) }
```

Border

The CSS property to change the border of an element to YIQ 95.6870, 42.1140, 117.8740 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(209, 8, 250) }
```


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

```
.border{ border-color:rgb(209, 8, 250) }
```

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

Here you see how a box with a 4 pixel rgb(209, 8, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 8, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 8, 250);  
box-shadow:4px 4px 4px 4px rgb(209, 8,  
250) }
```

Background

The CSS property to change the background color of an element to YIQ 95.6870, 42.1140, 117.8740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 8, 250) }
```

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

```
.background{ background-color: rgb(209, 8,  
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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