

Converting Colors

YIQ(119.4110, 50.7380, 93.7300)

Have a look what the booklet for
YIQ(119.4110, 50.7380, 93.7300)
contains.

YIQ(119.4110, 50.7380, 93.7300)	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(119.4110, 50.7380,
93.7300)**

Conversions

Conversions Part 1

Format	Color
Hex	E22DDF
RGB	226, 45, 223
RGB Percent	89%, 18%, 87%
CMY	0.1132, 0.8238, 0.1254
CMYK	0.00, 0.80, 0.01, 0.11
HSL	301°, 76%, 53%
HSV	301°, 80%, 89%
XYZ	45.6643, 23.3907, 71.9316
YIQ	119.4110, 50.7380, 93.7300

Conversions

Conversions Part 2

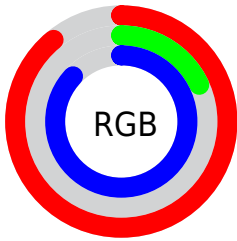
Format	Color
R _{YB}	226, 45, 223
Decimal	14822879
CIE _{Lab}	55.47, 83.54, -50.96
CIE _{LCh}	55, 97.852, 328.616
Yxy	23.3907, 0.3239, 0.1659
Android (android.graphics.Color)	4293012959 (0xFFE22DDF)
YUV	119.4110, 51.0694, 93.4786
Hunter-Lab	48.3639, 83.8996, -54.3272

Details

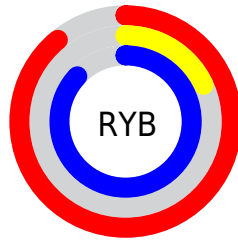
The YIQ color **119.4110, 50.7380, 93.7300** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **151.5890, -50.7380, -93.7300**, and the grayscale version is **119.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **172.2330, 38.7750, 73.7430**, and **68.6720, 45.3290, 87.1290** is the 20% darker color. If you saturate the color by 10%, you get **105.9100, 57.0630, 105.7590**, and if you desaturate by 10%, it is **132.9120, 44.4130, 81.7010**.

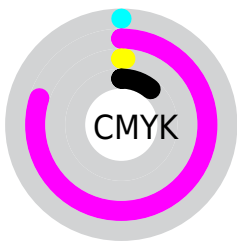
Distribution



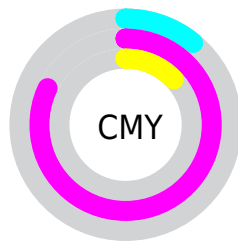
- Red (89%)
- Green (18%)
- Blue (87%)



- Red (89%)
- Yellow (18%)
- Blue (87%)



- Cyan (0%)
- Magenta (80%)
- Yellow (1%)
- Black (11%)





- Cyan (11%)
- Magenta (82%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 119.4110, 50.7380, 93.7300 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 119.4110, 50.7380, 93.7300 by changing the saturation by 10% instead.


 119.4110, 50.7380,
93.7300


 119.4110, 50.7380,
93.7300


255.0000, -0.0000,
-0.0000


 80.8340, 54.2210,
102.1970


 172.2330, 38.7750,
73.7430


 68.6720, 45.3290,
87.1290


 189.8430, 30.5250,
58.0530

 56.9230, 36.7120,
72.5840


 207.4530, 22.2750,
42.3630

 45.2880, 27.7740,
58.3500

 225.0630, 14.0250,
26.6730

 33.7670, 18.5150,
44.4270

 242.6730, 5.7750,
10.9830

 22.8440, 10.4480,
30.9280

 10.0560, -2.4330,

16.5670

■ 2.7530, -6.3740,
5.3860

■ 0.0000, 0.0000,
0.0000

■ 119.4110, 50.7380,
93.7300

■ 119.4110, 50.7380,
93.7300

■ 105.9100, 57.0630,
105.7590

■ 132.9120, 44.4130,
81.7010

■ 92.8820, 63.4340,
116.9540

■ 145.9400, 38.0420,
70.5060

■ 159.4410, 31.7170,
58.4770

■ 172.4690, 25.3460,
47.2820

■ 185.9700, 19.0210,
35.2530

■ 199.4710, 12.6960,
23.2240

■ 212.4990, 6.3250,
12.0290

■ 226.0000, -0.0000,
0.0000

■ 239.0280, -6.3710,
-11.1950

Harmonies

Analogous

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



124.1160, -54.2470, 41.5050



119.4110, 50.7380, 93.7300



92.3190, 106.7190, 97.9110

Triad

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



119.4110, 50.7380, 93.7300



125.0580, 62.8650, -32.4870



122.3110, -114.2980, -21.0980

Complementary

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



119.4110, 50.7380, 93.7300



151.5890, -50.7380, -93.7300

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.



111.8060, -86.0960, -47.6320



119.4110, 50.7380, 93.7300



111.9590, 4.9630, -62.4370

Square

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



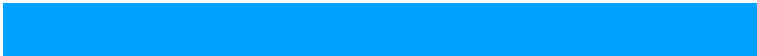
119.4110, 50.7380, 93.7300



119.8280, 111.6880, 2.3120



97.6990, -53.2630, -75.4950



124.1640, -126.4050, -5.4210

Rectangle

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



119.4110, 50.7380, 93.7300



85.9350, 124.6950, 80.4950



97.6990, -53.2630, -75.4950



119.1190, -105.3100, -29.8060

Sweetspot

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



119.4110, 50.7380, 93.7300



219.0790, 17.0960, 31.5920



66.5310, -56.3130, 56.9270



106.1670, 10.4960, 19.0400



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.



119.4110, 50.7380, 93.7300



110.7290, 68.6590, 126.8910



109.1510, 79.6280, 65.7400



105.5430, 3.0250, 5.7530



72.3460, 49.3630, 91.1150



19.8240, 13.2000, 25.1040

Inverse Universe

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



119.4110, 50.7380, 93.7300



110.7290, 68.6590, 126.8910



161.9630, -79.9490, -65.4290



105.5430, 3.0250, 5.7530



72.3460, 49.3630, 91.1150



19.8240, 13.2000, 25.1040

Previews

White Background



This preview shows how the YIQ color 119.4110, 50.7380, 93.7300 looks on a white background.

Color Contrast Check

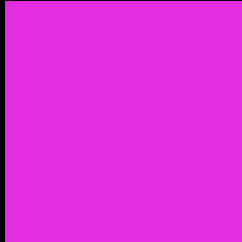
Large Text (above 18pt) WCAG AA ✓ Pass

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 119.4110, 50.7380, 93.7300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

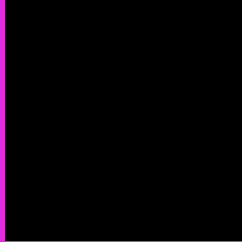
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 119.4110, 50.7380, 93.7300

Background



This preview shows how black text looks on a background with the YIQ color 119.4110, 50.7380, 93.7300.



This preview shows how white text looks on a background with the YIQ color 119.4110, 50.7380,

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

119.4110, 50.7380, 93.7300

Protanopia

122.7330, -81.5700, 24.5580

Deuteranopia

129.0350, -50.6660, 15.1420



Tritanopia

130.9660, 68.4020, 26.8820

Trichromacy



Original Color

119.4110, 50.7380, 93.7300



Protanomaly

121.1080, -33.4330, 49.7590



Deuteranomaly

125.6570, -13.3500, 43.7220



Tritanomaly

126.9110, 62.2080, 51.0400

Monochromacy



Original Color

119.4110, 50.7380, 93.7300



Achromatopsia

119.0000, -0.0000, 0.0000



Achromatomaly

119.1440, 18.4710, 34.2070

CSS Examples

Text

The CSS property to change the color of the text to YIQ 119.4110, 50.7380, 93.7300 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(226, 45, 223)` looks like.

```
.text, #text, p{  
    color:rgb(226, 45, 223)  
}
```

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(226, 45, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 45, 223) }
```

Border

The CSS property to change the border of an element to YIQ 119.4110, 50.7380, 93.7300 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(226, 45, 223) }
```


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

```
.border{ border-color:rgb(226, 45, 223) }
```

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

Here you see how a box with a 4 pixel rgb(226, 45, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 45, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 45, 223);  
box-shadow:4px 4px 4px 4px rgb(226, 45,  
223) }
```

Background

The CSS property to change the background color of an element to YIQ 119.4110, 50.7380, 93.7300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 45, 223) }
```

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

```
.background{ background-color: rgb(226, 45,  
223) }
```

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