

Converting Colors

YIQ(108.9620, 51.2850,
111.3570)

Have a look what the booklet for
YIQ(108.9620, 51.2850, 111.3570)
contains.

YIQ(108.9620, 51.2850, 111.3570)	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(108.9620, 51.2850,
111.3570)**

Conversions

Conversions Part 1

Format	Color
Hex	E317F2
RGB	227, 23, 242
RGB Percent	89%, 9%, 95%
CMY	0.1092, 0.9101, 0.0509
CMYK	0.06, 0.91, 0.00, 0.05
HSL	296°, 89%, 52%
HSV	296°, 91%, 95%
XYZ	48.0616, 23.3774, 85.9904
YIQ	108.9620, 51.2850, 111.3570

Conversions

Conversions Part 2

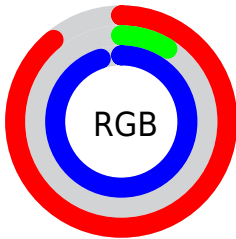
Format	Color
R _Y B	227, 23, 242
Decimal	14882802
CIE Lab	55.46, 90.33, -61.66
CIE LCh	55, 109.369, 325.681
Yxy	23.3774, 0.3053, 0.1485
Android (android.graphics.Color)	4293072882 (0xFFE317F2)
YUV	108.9620, 65.5877, 103.5193
Hunter-Lab	48.3502, 92.8217, -71.6015

Details

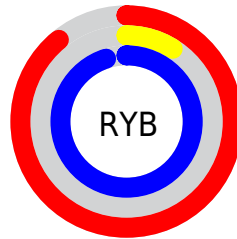
The YIQ color **108.9620, 51.2850, 111.3570** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **156.0380, -51.2850, -111.3570**, and the grayscale version is **108.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.9500, 41.2500, 78.4500**, and **70.7240, 39.5510, 92.7270** is the 20% darker color. If you saturate the color by 10%, you get **95.1620, 57.0140, 123.1740**, and if you desaturate by 10%, it is **123.6480, 45.8770, 99.2290**.

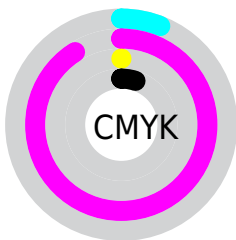
Distribution



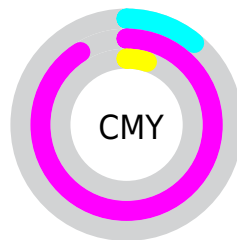
- Red (89%)
- Green (9%)
- Blue (95%)



- Red (89%)
- Yellow (9%)
- Blue (95%)



- Cyan (6%)
- Magenta (91%)
- Yellow (0%)
- Black (5%)



- Cyan (11%)
- Magenta (91%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 108.9620, 51.2850, 111.3570 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 108.9620, 51.2850, 111.3570 by changing the saturation by 10% instead.

108.9620, 51.2850,
111.3570

108.9620, 51.2850,
111.3570

255.0000, -0.0000,
-0.0000

83.1850, 49.0390,
108.0070

166.9500, 41.2500,
78.4500

71.0230, 40.1470,
92.9390

185.1470, 32.7250,
62.2370

58.8610, 31.2550,
77.8710

203.3440, 24.2000,
46.0240

46.8130, 22.0420,
63.1140

221.5410, 15.6750,
29.8110

35.1780, 13.1040,
48.8800

239.1510, 7.4250,
14.1210

23.6570, 3.8450,
34.9570

10.1570, -9.9070,

19.8610

■ 4.9360, -11.1430,
9.2170

■ 0.5700, -1.6050,
1.5550

■ 108.9620, 51.2850,
111.3570

■ 108.9620, 51.2850,
111.3570

■ 95.1620, 57.0140,
123.1740

■ 123.6480, 45.8770,
99.2290

■ 138.0350, 39.8730,
86.8890

■ 153.3080, 34.1900,
74.2380

■ 167.9940, 28.7820,
62.1100

■ 182.3810, 22.7780,
49.7700

■ 197.0670, 17.3700,
37.6420

■ 211.7530, 11.9620,
25.5140

■ 226.7270, 5.6830,
12.6510

■ 241.4130, 0.2750,
0.5230

Harmonies

Analogous

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



101.6690, -101.8810, 23.7110



108.9620, 51.2850, 111.3570



93.4590, 103.5090, 101.0210

Triad

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



108.9620, 51.2850, 111.3570



125.1020, 68.7330, -28.6990



123.5990, -115.1690, -21.8330

Complementary

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



108.9620, 51.2850, 111.3570



156.0380, -51.2850, -111.3570

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.



111.8400, -83.4360, -51.7880



108.9620, 51.2850, 111.3570



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.



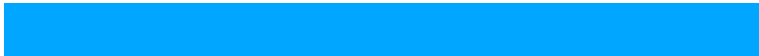
108.9620, 51.2850, 111.3570



114.9100, 123.5610, 12.9130



95.6810, -44.8250, -85.2490



126.5120, -127.5050, -7.5130

Rectangle

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



108.9620, 51.2850, 111.3570



86.3910, 123.4110, 81.7390



95.6810, -44.8250, -85.2490



119.9510, -104.8970, -31.7850

Sweetspot

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



108.9620, 51.2850, 111.3570



213.0020, 15.9950, 35.0270



58.5320, -75.2490, 58.6950



103.0360, 9.4870, 20.8070



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.



108.9620, 51.2850, 111.3570



100.2320, 59.9930, 129.7610



103.0730, 89.4360, 86.2360



112.6570, 2.7040, 6.0640



72.1050, 42.8520, 93.4760



21.9320, 13.0160, 28.4400

Inverse Universe

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



90.1910, 125.7090, 51.0930



78.1830, 146.5230, 59.3470



161.9270, -89.4360, -86.2360



111.7020, 6.8310, 2.8550



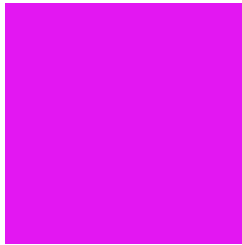
56.3840, 105.8120, 42.7400



17.2000, 32.0920, 13.1160

Previews

White Background



This preview shows how the YIQ color 108.9620, 51.2850, 111.3570 looks on a white background.

Color Contrast Check

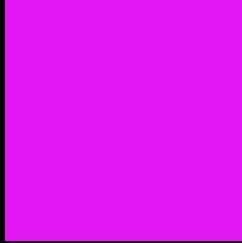
Large Text (above 18pt) WCAG AA ✓ Pass

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 108.9620, 51.2850, 111.3570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

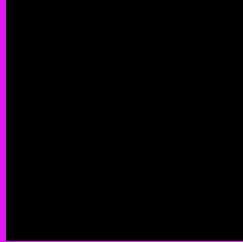
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 108.9620, 51.2850, 111.3570

Background



This preview shows how black text looks on a background with the YIQ color 108.9620, 51.2850, 111.3570.



This preview shows how white text looks on a background with the YIQ color 108.9620, 51.2850,

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

108.9620, 51.2850, 111.3570

Protanopia

122.4340, -82.1660, 24.3460

Deuteranopia

124.0740, -72.7650, 13.6590



Tritanopia

131.7700, 66.0180, 26.0340

Trichromacy



Original Color

108.9620, 51.2850, 111.3570



Protanomaly

117.2100, -33.4800, 56.1200



Deuteranomaly

118.5170, -27.3350, 49.3770



Tritanomaly

123.5290, 60.6480, 57.2880

Monochromacy



Original Color

108.9620, 51.2850, 111.3570



Achromatopsia

109.0000, -0.0000, 0.0000



Achromatomaly

109.1320, 18.7450, 40.2570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 108.9620, 51.2850, 111.3570 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(227, 23, 242)` looks like.

```
.text, #text, p{  
    color:rgb(227, 23, 242)  
}
```

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(227, 23, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 23, 242) }
```

Border

The CSS property to change the border of an element to YIQ 108.9620, 51.2850, 111.3570 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(227, 23, 242) }
```


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

```
.border{ border-color:rgb(227, 23, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 23, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 23, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 23, 242);  
box-shadow:4px 4px 4px 4px rgb(227, 23,  
242) }
```

Background

The CSS property to change the background color of an element to YIQ 108.9620, 51.2850, 111.3570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 23, 242) }
```

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

```
.background{ background-color: rgb(227, 23,  
242) }
```

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