

Converting Colors

YIQ(115.9190, 62.0120,
120.7000)

Have a look what the booklet for
YIQ(115.9190, 62.0120, 120.7000)
contains.

YIQ(115.9190, 62.0120, 120.7000)	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(115.9190, 62.0120,
120.7000)**

Conversions

Conversions Part 1

Format	Color
Hex	FA15FD
RGB	250, 21, 253
RGB Percent	98%, 8%, 99%
CMY	0.0189, 0.9179, 0.0078
CMYK	0.01, 0.92, 0.00, 0.01
HSL	299°, 98%, 54%
HSV	299°, 92%, 99%
XYZ	57.4861, 27.9822, 95.3139
YIQ	115.9190, 62.0120, 120.7000

Conversions

Conversions Part 2

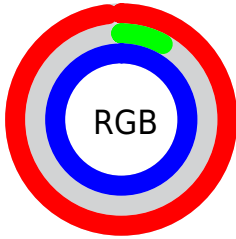
Format	Color
R _{YB}	250, 21, 253
Decimal	16389629
CIE _{Lab}	59.87, 95.80, -60.51
CIE _{LCh}	60, 113.311, 327.725
Yxy	27.9822, 0.3180, 0.1548
Android (android.graphics.Color)	4294579709 (0xFFFA15FD)
YUV	115.9190, 67.5809, 117.5890
Hunter-Lab	52.8982, 101.4094, -69.8021

Details

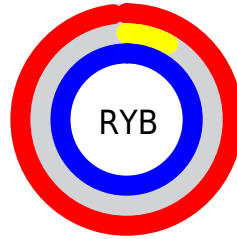
The YIQ color **115.9190, 62.0120, 120.7000** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light washed magenta. A complement of this color would be **158.0810, -62.0120, -120.7000**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2980, 40.1500, 76.3580**, and **78.4420, 49.4530, 100.5010** is the 20% darker color. If you saturate the color by 10%, you get **103.5920, 67.7870, 131.6830**, and if you desaturate by 10%, it is **130.5940, 55.1370, 107.6250**.

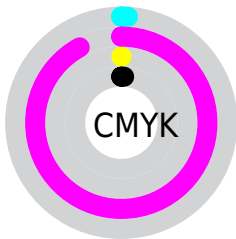
Distribution



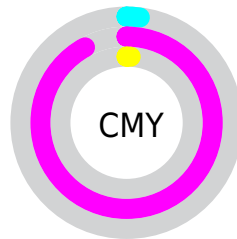
- Red (98%)
- Green (8%)
- Blue (99%)



- Red (98%)
- Yellow (8%)
- Blue (99%)



- Cyan (1%)
- Magenta (92%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (92%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 115.9190, 62.0120, 120.7000 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 115.9190, 62.0120, 120.7000 by changing the saturation by 10% instead.


 115.9190, 62.0120,
120.7000


 115.9190, 62.0120,
120.7000


255.0000, -0.0000,
-0.0000


 91.0170, 58.6200,
116.0920


 169.2980, 40.1500,
76.3580


 78.7410, 50.0490,
100.7130


 188.0820, 31.3500,
59.6220


 66.3940, 40.2400,
85.7440


 206.8660, 22.5500,
42.8860

 54.2320, 31.3480,
70.6760

 225.0630, 14.0250,
26.6730

 42.5970, 22.4100,
56.4420

 243.2600, 5.5000,
10.4600

 31.3750, 13.7470,
42.7310

 18.9570, 2.7000,

28.1720

■ 4.6740, -13.1610,
12.7510

■ 2.7530, -6.3740,
5.3860

■ 115.9190, 62.0120,
120.7000

■ 115.9190, 62.0120,
120.7000

■ 103.5920, 67.7870,
131.6830

■ 130.5940, 55.1370,
107.6250

■ 146.1550, 48.5830,
94.2390

■ 160.8300, 41.7080,
81.1640

■ 175.5050, 34.8330,
68.0890

190.4790, 28.5540,
55.2260

205.7410, 21.4040,
41.6280

220.4160, 14.5290,
28.5530

235.3900, 8.2500,
15.6900

250.6520, 1.1000,
2.0920

Harmonies

Analogous

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



124.3160, -66.8540, 33.1940



115.9190, 62.0120, 120.7000



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.



115.9190, 62.0120, 120.7000



136.0110, 70.2470, -34.1130



134.3250, -126.0810, -22.3130

Complementary

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



115.9190, 62.0120, 120.7000



158.0810, -62.0120, -120.7000

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.



121.5230, -92.7890, -52.9890



115.9190, 62.0120, 120.7000



119.8890, 1.9840, -69.0240

Square

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



115.9190, 62.0120, 120.7000



127.3140, 128.0550, 8.5590



103.3120, -48.4000, -92.0480



134.1430, -131.0800, -14.3120

Rectangle

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



115.9190, 62.0120, 120.7000



86.7330, 122.4480, 82.6720



103.3120, -48.4000, -92.0480



130.5630, -115.4880, -32.5760

Sweetspot

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



115.9190, 62.0120, 120.7000



213.0240, 18.9290, 36.9210



49.7960, -75.5720, 70.0600



101.8730, 11.5040, 22.8000



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.



115.9190, 62.0120, 120.7000



104.4180, 68.3370, 132.7290



104.0480, 99.7520, 86.5040



120.0700, 2.9790, 6.5870



78.2850, 51.3330, 99.4690



26.1330, 17.0040, 33.2600

Inverse Universe

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



90.7100, 137.3090, 50.1170



76.5870, 151.0170, 54.9930



169.9520, -99.7520, -86.5040



118.8870, 7.7480, 2.7560



57.3370, 113.1940, 41.1140



19.2500, 37.8230, 13.8790

Previews

White Background



This preview shows how the YIQ color 115.9190, 62.0120, 120.7000 looks on a white background.

Color Contrast Check

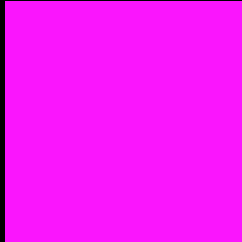
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.9190, 62.0120, 120.7000 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 115.9190, 62.0120, 120.7000

Background



This preview shows how black text looks on a background with the YIQ color 115.9190, 62.0120, 120.7000.



This preview shows how white text looks on a background with the YIQ color 115.9190, 62.0120,

120.7000.

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

115.9190, 62.0120, 120.7000

Protanopia

138.4480, -67.5860, 24.4300

Deuteranopia

137.6620, -65.6130, 16.2030



Tritanopia

141.4510, 77.3420, 30.0620

Trichromacy



Original Color

115.9190, 62.0120, 120.7000

Protanomaly

130.1470, -20.0010, 59.6390

Deuteranomaly

129.7570, -19.0830, 54.0130

Tritanomaly

132.2640, 71.8800, 62.9840

Monochromacy



Original Color

115.9190, 62.0120, 120.7000

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8060, 22.7790, 44.2430

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.9190, 62.0120, 120.7000 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(250, 21, 253)` looks like.

```
.text, #text, p{  
    color:rgb(250, 21, 253)  
}
```

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(250, 21, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 21, 253) }
```

Border

The CSS property to change the border of an element to YIQ 115.9190, 62.0120, 120.7000 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(250, 21, 253) }
```


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

```
.border{ border-color:rgb(250, 21, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 21, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 21, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 21, 253);  
box-shadow:4px 4px 4px 4px rgb(250, 21,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 115.9190, 62.0120, 120.7000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 21, 253) }
```

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

```
.background{ background-color: rgb(250, 21,  
253) }
```

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