

Converting Colors

YIQ(110.2290, 64.0750,
121.8590)

Have a look what the booklet for
YIQ(110.2290, 64.0750, 121.8590)
contains.

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Color

**YIQ(110.2290, 64.0750,
121.8590)**

Conversions

Conversions Part 1

Format	Color
Hex	F70EF7
RGB	247, 14, 247
RGB Percent	97%, 5%, 97%
CMY	0.0307, 0.9453, 0.0313
CMYK	0.00, 0.94, 0.00, 0.03
HSL	300°, 94%, 51%
HSV	300°, 94%, 97%
XYZ	55.3678, 26.8346, 90.2723
YIQ	110.2290, 64.0750, 121.8590

Conversions

Conversions Part 2

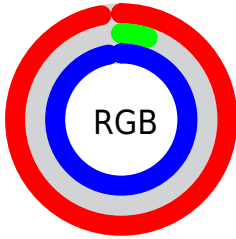
Format	Color
R _{YB}	247, 14, 247
Decimal	16191223
CIE _{Lab}	58.82, 95.08, -58.88
CIE _{LCh}	59, 111.837, 328.229
Yxy	26.8346, 0.3210, 0.1556
Android (android.graphics.Color)	4294381303 (0xFFFF70EF7)
YUV	110.2290, 67.4281, 119.9482
Hunter-Lab	51.8022, 100.1329, -67.0594

Details

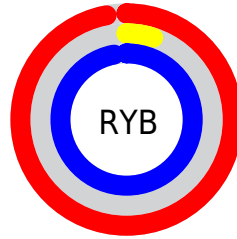
The YIQ color **110.2290, 64.0750, 121.8590** is a light color, and the websafe version is hex **FF00FF**. The color can be described as light saturated magenta. A complement of this color would be **150.7710, -64.0750, -121.8590**, and the grayscale version is **110.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5370, 40.9750, 77.9270**, and **77.2740, 49.8660, 98.5220** is the 20% darker color. If you saturate the color by 10%, you get **102.0110, 67.9250, 129.1810**, and if you desaturate by 10%, it is **124.9040, 57.2000, 108.7840**.

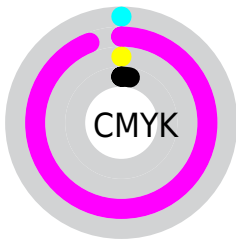
Distribution



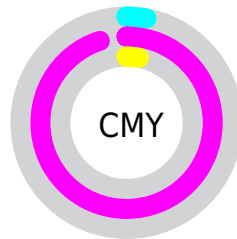
- Red (97%)
- Green (5%)
- Blue (97%)



- Red (97%)
- Yellow (5%)
- Blue (97%)



- Cyan (0%)
- Magenta (94%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (95%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.2290, 64.0750, 121.8590 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 110.2290, 64.0750, 121.8590 by changing the saturation by 10% instead.


 110.2290, 64.0750,
121.8590


 110.2290, 64.0750,
121.8590


255.0000, -0.0000,
-0.0000


 89.4360, 58.7580,
113.5900


 167.5370, 40.9750,
77.9270


 77.2740, 49.8660,
98.5220


 186.9080, 31.9000,
60.6680


 65.1120, 40.9740,
83.4540


 205.1050, 23.3750,
44.4550

 53.0640, 31.7610,
68.6970

 223.3020, 14.8500,
28.2420

 41.1300, 22.2270,
54.2510

 241.4990, 6.3250,
12.0290

 29.9080, 13.5640,
40.5400

 17.4900, 2.5170,

25.9810

■ 4.1040, -11.5560,
11.1960

■ 1.3680, -3.8520,
3.7320

■ 110.2290, 64.0750,
121.8590

■ 110.2290, 64.0750,
121.8590

■ 102.0110, 67.9250,
129.1810

■ 124.9040, 57.2000,
108.7840

■ 138.9920, 50.6000,
96.2320

■ 153.6670, 43.7250,
83.1570

■ 168.3420, 36.8500,
70.0820

■ 183.0170, 29.9750,
57.0070

■ 197.1050, 23.3750,
44.4550

■ 211.7800, 16.5000,
31.3800

■ 226.4550, 9.6250,
18.3050

■ 240.5430, 3.0250,
5.7530

Harmonies

Analogous

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



123.7510, -63.6450, 35.6110



110.2290, 64.0750, 121.8590



93.5730, 103.1880, 101.3320

Triad

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



110.2290, 64.0750, 121.8590



133.3420, 67.8170, -34.1270



132.2220, -124.2930, -21.6770

Complementary

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



110.2290, 64.0750, 121.8590



150.7710, -64.0750, -121.8590

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.



119.6480, -91.6430, -51.7310



110.2290, 64.0750, 121.8590



117.2200, -0.4460, -69.0380

Square

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



110.2290, 64.0750, 121.8590



125.8190, 125.0750, 7.4990



101.5510, -47.5750, -90.4790



132.3820, -130.2550, -12.7430

Rectangle

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



110.2290, 64.0750, 121.8590



86.2770, 123.7320, 81.4280



101.5510, -47.5750, -90.4790



128.5740, -114.0210, -31.6290

Sweetspot

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



110.2290, 64.0750, 121.8590



213.3230, 19.5250, 37.1330



40.5620, -74.7930, 72.4630



102.0580, 12.4210, 22.7010



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.



110.2290, 64.0750, 121.8590



105.3150, 70.1250, 133.3650



97.0050, 101.3110, 85.7830



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Inverse Universe

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



110.2290, 64.0750, 121.8590



105.3150, 70.1250, 133.3650



164.1090, -101.6320, -85.4720



114.9560, 3.3000, 6.2760



76.8180, 51.1500, 97.2780



24.3670, 16.2250, 30.8570

Previews

White Background



This preview shows how the YIQ color 110.2290, 64.0750, 121.8590 looks on a white background.

Color Contrast Check

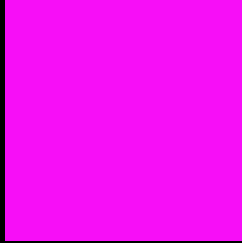
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.2290, 64.0750, 121.8590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

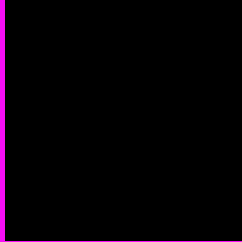
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 110.2290, 64.0750, 121.8590

Background



This preview shows how black text looks on a background with the YIQ color 110.2290, 64.0750, 121.8590.



This preview shows how white text looks on a background with the YIQ color 110.2290, 64.0750,

121.8590.

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

110.2290, 64.0750, 121.8590

Protanopia

135.4800, -70.6120, 24.2040

Deuteranopia

136.1030, -62.5410, 15.5950



Tritanopia

138.7500, 77.9380, 30.2740

Trichromacy



Original Color

110.2290, 64.0750, 121.8590

Protanomaly

126.6630, -21.5140, 59.5260

Deuteranomaly

126.7250, -16.0570, 54.2390

Tritanomaly

128.2750, 73.3470, 63.9310

Monochromacy



Original Color

110.2290, 64.0750, 121.8590

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

110.1050, 23.3750, 44.4550

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.2290, 64.0750, 121.8590 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(247, 14, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 14, 247)  
}
```

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(247, 14, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 14, 247) }
```

Border

The CSS property to change the border of an element to YIQ 110.2290, 64.0750, 121.8590 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(247, 14, 247) }
```


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

```
.border{ border-color:rgb(247, 14, 247) }
```

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

Here you see how a box with a 4 pixel rgb(247, 14, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 14, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 14, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 14,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 110.2290, 64.0750, 121.8590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 14, 247) }
```

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

```
.background{ background-color: rgb(247, 14,  
247) }
```

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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