

Converting Colors

YIQ(124.9040, 57.2000,
108.7840)

Have a look what the booklet for
YIQ(124.9040, 57.2000, 108.7840)
contains.

YIQ(124.9040, 57.2000, 108.7840)	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(124.9040, 57.2000,
108.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	F727F7
RGB	247, 39, 247
RGB Percent	97%, 15%, 97%
CMY	0.0307, 0.8473, 0.0313
CMYK	0.00, 0.84, 0.00, 0.03
HSL	300°, 93%, 56%
HSV	300°, 84%, 97%
XYZ	55.9277, 27.9649, 90.4593
YIQ	124.9040, 57.2000, 108.7840

Conversions

Conversions Part 2

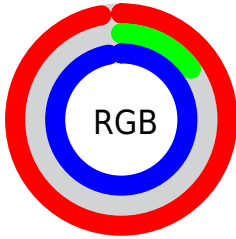
Format	Color
R _Y B	247, 39, 247
Decimal	16197623
CIE Lab	59.86, 92.02, -57.23
CIE LCh	60, 108.361, 328.121
Yxy	27.9649, 0.3208, 0.1604
Android (android.graphics.Color)	4294387703 (0xFFFF727F7)
YUV	124.9040, 60.1933, 107.0782
Hunter-Lab	52.8818, 96.2380, -64.4038

Details

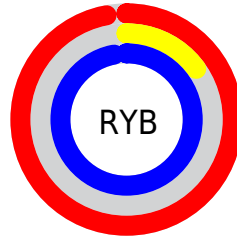
The YIQ color **124.9040, 57.2000, 108.7840** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **161.0960, -57.2000, -108.7840**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8200, 38.5000, 73.2200**, and **77.2740, 49.8660, 98.5220** is the 20% darker color. If you saturate the color by 10%, you get **110.2290, 64.0750, 121.8590**, and if you desaturate by 10%, it is **139.5790, 50.3250, 95.7090**.

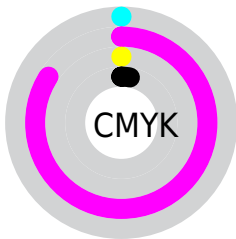
Distribution



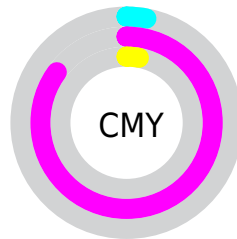
- Red (97%)
- Green (15%)
- Blue (97%)



- Red (97%)
- Yellow (15%)
- Blue (97%)



- Cyan (0%)
- Magenta (84%)
- Yellow (0%)
- Black (3%)





- Cyan (3%)
- Magenta (85%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 124.9040, 57.2000, 108.7840 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 124.9040, 57.2000, 108.7840 by changing the saturation by 10% instead.


 124.9040, 57.2000,
108.7840


 124.9040, 57.2000,
108.7840


255.0000, -0.0000,
-0.0000


 89.4360, 58.7580,
113.5900


 172.8200, 38.5000,
73.2200


 77.2740, 49.8660,
98.5220


 191.0170, 29.9750,
57.0070


 65.1120, 40.9740,
83.4540


 209.2140, 21.4500,
40.7940

 53.0640, 31.7610,
68.6970

 227.4110, 12.9250,
24.5810

 41.4290, 22.8230,
54.4630

 245.6080, 4.4000,
8.3680

 30.5060, 14.7560,
40.9640

 18.2020, 3.3880,

26.7160

■ 4.2180, -11.8770,
11.5070

■ 2.0690, -4.4480,
3.5200

■ 124.9040, 57.2000,
108.7840

■ 124.9040, 57.2000,
108.7840

■ 110.2290, 64.0750,
121.8590

■ 139.5790, 50.3250,
95.7090

■ 102.0110, 67.9250,
129.1810

■ 153.6670, 43.7250,
83.1570

■ 168.3420, 36.8500,
70.0820

■ 183.0170, 29.9750,
57.0070

197.6920, 23.1000,
43.9320

211.7800, 16.5000,
31.3800

226.4550, 9.6250,
18.3050

241.1300, 2.7500,
5.2300

251.6960, -2.2000,
-4.1840

Harmonies

Analogous

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



128.5020, -58.5100, 36.1620



124.9040, 57.2000, 108.7840



93.9150, 102.2250, 102.2650

Triad

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



124.9040, 57.2000, 108.7840



135.7120, 69.6510, -34.3250



133.3960, -124.8430, -22.7230

Complementary

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



124.9040, 57.2000, 108.7840



161.0960, -57.2000, -108.7840

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.



121.0500, -92.8350, -52.1550



124.9040, 57.2000, 108.7840



120.7860, 3.7720, -68.3880

Square

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



124.9040, 57.2000, 108.7840



129.0530, 124.2960, 5.0960



104.6630, -53.5820, -86.2380



133.5560, -130.8050, -13.7890

Rectangle

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



124.9040, 57.2000, 108.7840



86.8470, 122.1270, 82.9830



104.6630, -53.5820, -86.2380



129.8620, -114.8920, -32.3640

Sweetspot

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



124.9040, 57.2000, 108.7840



217.4320, 17.6000, 33.4720



62.7120, -66.7680, 64.6880



104.9930, 11.0460, 20.0860



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.



124.9040, 57.2000, 108.7840



105.3150, 70.1250, 133.3650



113.0480, 90.5840, 76.4400



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.



124.9040, 57.2000, 108.7840



105.3150, 70.1250, 133.3650



172.9520, -90.5840, -76.4400



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 124.9040, 57.2000, 108.7840 looks on a white background.

Color Contrast Check

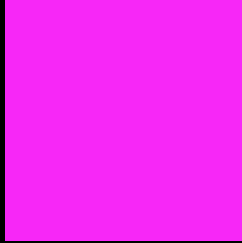
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.9040, 57.2000, 108.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

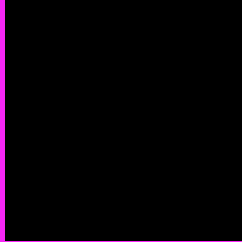
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.9040, 57.2000, 108.7840

Background



This preview shows how black text looks on a background with the YIQ color 124.9040, 57.2000, 108.7840.



This preview shows how white text looks on a background with the YIQ color 124.9040, 57.2000,

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

124.9040, 57.2000, 108.7840

Protanopia

138.4480, -67.5860, 24.4300

Deuteranopia

139.1850, -59.8360, 16.1320



Tritanopia

141.6680, 75.2330, 29.7370

Trichromacy



Original Color

124.9040, 57.2000, 108.7840



Protanomaly

133.7290, -21.8800, 55.1440



Deuteranomaly

133.6060, -17.3400, 49.9560



Tritanomaly

135.6610, 69.0840, 58.5880

Monochromacy



Original Color

124.9040, 57.2000, 108.7840



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.9750, 20.6250, 39.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.9040, 57.2000, 108.7840 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, 39, 247)` looks like.

```
.text, #text, p{  
    color:rgb(247, 39, 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, 39, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 39, 247) }
```

Border

The CSS property to change the border of an element to YIQ 124.9040, 57.2000, 108.7840 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, 39, 247) }
```


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

```
.border{ border-color:rgb(247, 39, 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, 39, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 39, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 39, 247);  
box-shadow:4px 4px 4px 4px rgb(247, 39,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 124.9040, 57.2000, 108.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 39, 247) }
```

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

```
.background{ background-color: rgb(247, 39,  
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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