

Converting Colors

YIQ(124.7930, 78.6610, 88.7810)

Have a look what the booklet for
YIQ(124.7930, 78.6610, 88.7810)
contains.

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Color

**YIQ(124.7930, 78.6610,
88.7810)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2EBD
RGB	255, 46, 189
RGB Percent	100%, 18%, 74%
CMY	0.0000, 0.8199, 0.2586
CMYK	0.00, 0.82, 0.26, 0.00
HSL	319°, 100%, 59%
HSV	319°, 82%, 100%
XYZ	51.4045, 26.8835, 50.6531
YIQ	124.7930, 78.6610, 88.7810

Conversions

Conversions Part 2

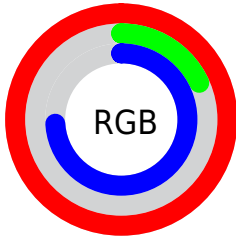
Format	Color
R _Y B	255, 46, 189
Decimal	16723645
CIE Lab	58.87, 84.67, -25.89
CIE LCh	59, 88.541, 342.998
Yxy	26.8835, 0.3987, 0.2085
Android (android.graphics.Color)	4294913725 (0xFFFF2EBD)
YUV	124.7930, 31.6541, 114.1915
Hunter-Lab	51.8493, 86.2322, -21.6276

Details

The YIQ color **124.7930, 78.6610, 88.7810** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **176.2070, -78.6610, -88.7810**, and the grayscale version is **124.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **172.8540, 41.1600, 69.0640**, and **73.0970, 71.6930, 82.9010** is the 20% darker color. If you saturate the color by 10%, you get **108.6190, 88.3790, 99.8910**, and if you desaturate by 10%, it is **140.3800, 69.2180, 78.1940**.

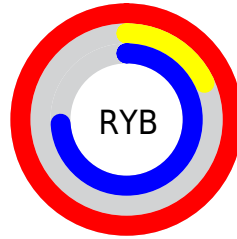
Distribution



Red (100%)

Green (18%)

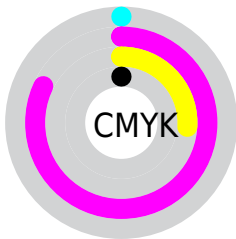
Blue (74%)



Red (100%)

Yellow (18%)

Blue (74%)

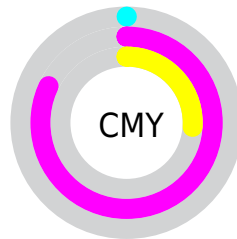


Cyan (0%)

Magenta (82%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (82%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7930, 78.6610, 88.7810 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 124.7930, 78.6610, 88.7810 by changing the saturation by 10% instead.

124.7930, 78.6610,
88.7810

124.7930, 78.6610,
88.7810

255.0000, -0.0000,
-0.0000

85.4440, 81.5020,
97.8700

172.9680, 40.8390,
69.3750

73.0970, 71.6930,
82.9010

192.1910, 29.4250,
55.9610

61.2770, 61.8380,
68.7660

210.3880, 20.9000,
39.7480

49.4570, 51.9830,
54.6310

227.9980, 12.6500,
24.0580

37.8650, 41.4860,
41.1180

246.1950, 4.1250,
7.8450

27.2840, 32.4560,
28.5520

15.3930, 21.3630,

14.8270

■ 0.0000, 0.0000,
0.0000

■ 124.7930, 78.6610,
88.7810

■ 124.7930, 78.6610,
88.7810

■ 108.6190, 88.3790,
99.8910

■ 140.3800, 69.2180,
78.1940

■ 96.1950, 95.8050,
108.4850

■ 156.5540, 59.5000,
67.0840

■ 172.1410, 50.0570,
56.4970

■ 188.3150, 40.3390,
45.3870

■ 203.9020, 30.8960,
34.8000

220.0760, 21.1780,
23.6900

235.6630, 11.7350,
13.1030

251.8370, 2.0170,
1.9930

255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



143.3730, 0.0340, 65.4900



124.7930, 78.6610, 88.7810



101.3400, 110.2530, 77.9090

Triad

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



124.7930, 78.6610, 88.7810



129.6220, 43.0610, -48.0350



129.7090, -126.8620, -13.6620

Complementary

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



124.7930, 78.6610, 88.7810



176.2070, -78.6610, -88.7810

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.



122.0880, -104.0250, -36.5770



124.7930, 78.6610, 88.7810



105.5370, -26.6240, -79.2000

Square

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



124.7930, 78.6610, 88.7810



132.9200, 90.0970, -19.3990



111.5660, -77.1530, -61.0330



124.7510, -126.6800, -5.9440

Rectangle

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



124.7930, 78.6610, 88.7810



119.1200, 115.3030, 41.4390



111.5660, -77.1530, -61.0330



127.7880, -120.0750, -21.0270

Sweetspot

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



124.7930, 78.6610, 88.7810



215.1520, 24.0200, 27.2520



88.6630, -29.5410, 78.3550



103.6250, 14.8980, 16.3540



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.



124.7930, 78.6610, 88.7810



99.2440, 94.1090, 106.1810



113.2790, 111.0820, 57.3700



119.7990, 5.1800, 5.2440



72.0430, 71.7850, 81.2330



24.1520, 24.0200, 27.2520

Inverse Universe

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



124.7930, 78.6610, 88.7810



99.2440, 94.1090, 106.1810



187.7210, -111.0820, -57.3700



119.7990, 5.1800, 5.2440



72.0430, 71.7850, 81.2330



24.1520, 24.0200, 27.2520

Previews

White Background



This preview shows how the YIQ color 124.7930, 78.6610, 88.7810 looks on a white background.

Color Contrast Check

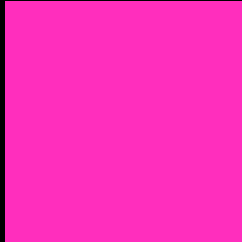
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7930, 78.6610, 88.7810 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 124.7930, 78.6610, 88.7810

Background



This preview shows how black text looks on a background with the YIQ color 124.7930, 78.6610, 88.7810.



This preview shows how white text looks on a background with the YIQ color 124.7930, 78.6610,

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

124.7930, 78.6610, 88.7810

Protanopia

135.7900, -68.5490, 25.3630

Deuteranopia

142.8480, -13.7110, 11.7050



Tritanopia

133.1930, 95.8640, 35.8000

Trichromacy



Original Color

124.7930, 78.6610, 88.7810



Protanomaly

131.9220, -15.4140, 48.0900



Deuteranomaly

136.2030, 19.9830, 39.8470



Tritanomaly

130.0900, 89.6250, 55.2650

Monochromacy



Original Color

124.7930, 78.6610, 88.7810



Achromatopsia

125.0000, 0.0000, 0.0000



Achromatomaly

124.6520, 28.6040, 32.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7930, 78.6610, 88.7810 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(255, 46, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 46, 189)  
}
```

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(255, 46, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 46, 189) }
```

Border

The CSS property to change the border of an element to YIQ 124.7930, 78.6610, 88.7810 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(255, 46, 189) }
```


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

```
.border{ border-color:rgb(255, 46, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 46, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 46, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 46, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 46,  
189) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7930, 78.6610, 88.7810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 46, 189) }
```

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

```
.background{ background-color: rgb(255, 46,  
189) }
```

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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