

Converting Colors

YIQ(121.9130, 78.2030, 86.0670)

Have a look what the booklet for
YIQ(121.9130, 78.2030, 86.0670)
contains.

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Color

**YIQ(121.9130, 78.2030,
86.0670)**

Conversions

Conversions Part 1

Format	Color
Hex	FA2DB6
RGB	250, 45, 182
RGB Percent	98%, 18%, 71%
CMY	0.0190, 0.8238, 0.2861
CMYK	0.00, 0.82, 0.27, 0.02
HSL	320°, 95%, 58%
HSV	320°, 82%, 98%
XYZ	48.8607, 25.6008, 46.6504
YIQ	121.9130, 78.2030, 86.0670

Conversions

Conversions Part 2

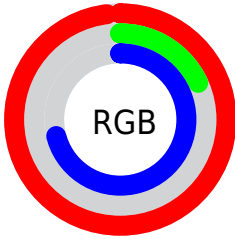
Format	Color
R _Y B	250, 45, 182
Decimal	16395702
CIE Lab	57.66, 83.05, -23.78
CIE LCh	58, 86.392, 344.022
Yxy	25.6008, 0.4034, 0.2114
Android (android.graphics.Color)	4294585782 (0xFFFA2DB6)
YUV	121.9130, 29.6229, 112.3323
Hunter-Lab	50.5972, 83.8288, -19.2470

Details

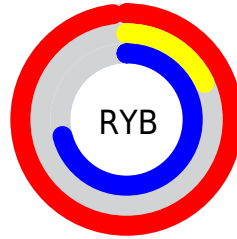
The YIQ color **121.9130, 78.2030, 86.0670** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed rose. A complement of this color would be **173.0870, -78.2030, -86.0670**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **171.4690, 43.6820, 67.4100**, and **70.9180, 70.6390, 79.9750** is the 20% darker color. If you saturate the color by 10%, you get **106.3260, 87.6460, 96.6540**, and if you desaturate by 10%, it is **137.5000, 68.7600, 75.4800**.

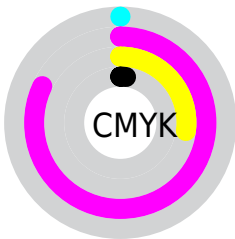
Distribution



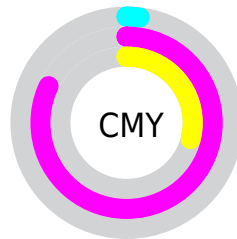
- Red (98%)
- Green (18%)
- Blue (71%)



- Red (98%)
- Yellow (18%)
- Blue (71%)



- Cyan (0%)
- Magenta (82%)
- Yellow (27%)
- Black (2%)





- Cyan (2%)
- Magenta (82%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.9130, 78.2030, 86.0670 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 121.9130, 78.2030, 86.0670 by changing the saturation by 10% instead.


 121.9130, 78.2030,
86.0670


 121.9130, 78.2030,
86.0670


255.0000, -0.0000,
-0.0000


 83.1510, 80.7690,
94.6330


 171.4690, 43.6820,
67.4100


 71.2170, 71.2350,
80.1870


 191.0170, 29.9750,
57.0070


 59.0980, 60.7840,
65.8400


 209.2140, 21.4500,
40.7940

 47.5770, 51.5250,
51.9170

 226.8240, 13.2000,
25.1040

 35.9850, 41.0280,
38.4040

 245.0210, 4.6750,
8.8910

 25.2190, 31.0810,
25.9370

 13.3560, 22.7850,

11.0810

■ 0.0000, 0.0000,
0.0000

■ 121.9130, 78.2030,
86.0670

■ 121.9130, 78.2030,
86.0670

■ 106.3260, 87.6460,
96.6540

■ 137.5000, 68.7600,
75.4800

■ 93.7880, 95.3930,
104.9370

■ 153.2010, 58.9960,
65.2040

■ 168.7880, 49.5530,
54.6170

■ 184.3750, 40.1100,
44.0300

■ 200.0760, 30.3460,
33.7540

215.6630, 20.9030,
23.1670

231.2500, 11.4600,
12.5800

246.8370, 2.0170,
1.9930

253.5050, -2.9800,
-1.0600

Harmonies

Analogous

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



140.6290, 2.1890, 64.9810



121.9130, 78.2030, 86.0670



104.2920, 110.2080, 73.2160

Triad

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



121.9130, 78.2030, 86.0670



126.0670, 40.3100, -47.7380



126.9050, -124.4780, -12.8140

Complementary

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



121.9130, 78.2030, 86.0670



173.0870, -78.2030, -86.0670

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.



119.5120, -102.2830, -35.1070



121.9130, 78.2030, 86.0670



101.3840, -30.5670, -79.3270

Square

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



121.9130, 78.2030, 86.0670



130.2400, 86.2000, -20.3600



109.3320, -76.3740, -58.6300



122.4030, -125.5800, -3.8520

Rectangle

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



121.9130, 78.2030, 86.0670



119.8380, 116.0370, 39.1490



109.3320, -76.3740, -58.6300



125.0980, -118.0120, -19.8680

Sweetspot

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



121.9130, 78.2030, 86.0670



215.0380, 24.3410, 26.9410



87.8050, -27.0650, 77.5350



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.



121.9130, 78.2030, 86.0670



98.7880, 95.3930, 104.9370



110.6270, 109.9820, 55.2780



116.9130, 4.8590, 5.5550



70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Inverse Universe

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



121.9130, 78.2030, 86.0670



98.7880, 95.3930, 104.9370



184.4870, -110.3030, -54.9670



116.9130, 4.8590, 5.5550



70.8750, 72.1980, 79.2540



22.9130, 23.1950, 25.6830

Previews

White Background



This preview shows how the YIQ color 121.9130, 78.2030, 86.0670 looks on a white background.

Color Contrast Check

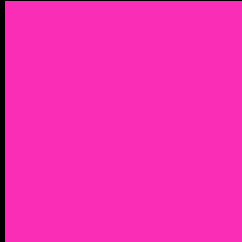
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.9130, 78.2030, 86.0670 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 121.9130, 78.2030, 86.0670

Background



This preview shows how black text looks on a background with the YIQ color 121.9130, 78.2030, 86.0670.



This preview shows how white text looks on a background with the YIQ color 121.9130, 78.2030,

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

121.9130, 78.2030, 86.0670

Protanopia

132.9320, -66.0730, 24.5430

Deuteranopia

139.9900, -11.2350, 10.8850



Tritanopia

129.8940, 95.2680, 35.5880

Trichromacy



Original Color

121.9130, 78.2030, 86.0670



Protanomaly

128.7650, -13.5340, 47.0580



Deuteranomaly

133.6330, 21.5880, 38.2920



Tritanomaly

127.1500, 89.3960, 53.9080

Monochromacy



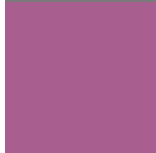
Original Color

121.9130, 78.2030, 86.0670



Achromatopsia

122.0000, 0.0000, -0.0000



Achromatomaly

122.1250, 28.6500, 31.4500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.9130, 78.2030, 86.0670 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, 45, 182)` looks like.

```
.text, #text, p{  
    color:rgb(250, 45, 182)  
}
```

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, 45, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 45, 182) }
```

Border

The CSS property to change the border of an element to YIQ 121.9130, 78.2030, 86.0670 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, 45, 182) }
```


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

```
.border{ border-color:rgb(250, 45, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 45, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 45, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 45, 182);  
box-shadow:4px 4px 4px 4px rgb(250, 45,  
182) }
```

Background

The CSS property to change the background color of an element to YIQ 121.9130, 78.2030, 86.0670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 45, 182) }
```

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

```
.background{ background-color: rgb(250, 45,  
182) }
```

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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