

Converting Colors

YIQ(121.2740, 57.8930, 79.6930)

Have a look what the booklet for
YIQ(121.2740, 57.8930, 79.6930)
contains.

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Color

**YIQ(121.2740, 57.8930,
79.6930)**

Conversions

Conversions Part 1

Format	Color
Hex	E236C1
RGB	226, 54, 193
RGB Percent	89%, 21%, 76%
CMY	0.1132, 0.7885, 0.2430
CMYK	0.00, 0.76, 0.15, 0.11
HSL	312°, 75%, 55%
HSV	312°, 76%, 89%
XYZ	42.3486, 22.6725, 52.6145
YIQ	121.2740, 57.8930, 79.6930

Conversions

Conversions Part 2

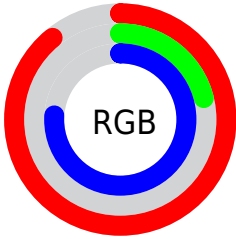
Format	Color
RYB	226, 54, 193
Decimal	14825153
CIELab	54.73, 77.00, -34.99
CIElCh	55, 84.581, 335.563
Yxy	22.6725, 0.3600, 0.1927
Android (android.graphics.Color)	4293015233 (0xFFE236C1)
YUV	121.2740, 35.3609, 91.8447
Hunter-Lab	47.6156, 75.4279, -32.1835

Details

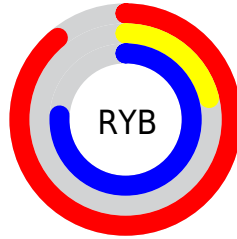
The YIQ color **121.2740, 57.8930, 79.6930** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **158.7260, -57.8930, -79.6930**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **174.0110, 39.2800, 70.0960**, and **65.4800, 54.3170, 78.4210** is the 20% darker color. If you saturate the color by 10%, you get **107.3170, 65.5020, 90.4780**, and if you desaturate by 10%, it is **135.2310, 50.2840, 68.9080**.

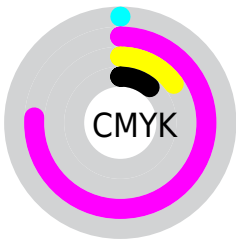
Distribution



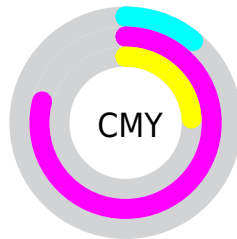
- Red (89%)
- Green (21%)
- Blue (76%)



- Red (89%)
- Yellow (21%)
- Blue (76%)



- Cyan (0%)
- Magenta (76%)
- Yellow (15%)
- Black (11%)





- Cyan (11%)
- Magenta (79%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 121.2740, 57.8930, 79.6930 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 121.2740, 57.8930, 79.6930 by changing the saturation by 10% instead.


 121.2740, 57.8930,
79.6930


 121.2740, 57.8930,
79.6930


255.0000, -0.0000,
-0.0000


 77.5280, 63.5300,
93.1780


 174.0110, 39.2800,
70.0960

 65.4800, 54.3170,
78.4210


 192.1910, 29.4250,
55.9610

 53.8450, 45.3790,
64.1870


 209.2140, 21.4500,
40.7940


 42.6230, 36.7160,
50.4760

 226.8240, 13.2000,
25.1040

 31.5150, 27.7320,
37.0760

 244.4340, 4.9500,
9.4140

 20.6350, 18.1060,
24.2980

 7.5480, 4.6290,

9.7250

■ 0.0000, 0.0000,
0.0000

■ 121.2740, 57.8930,
79.6930

■ 121.2740, 57.8930,
79.6930

■ 107.3170, 65.5020,
90.4780

■ 135.2310, 50.2840,
68.9080

■ 93.8330, 73.1570,
100.4290

■ 148.7150, 42.6290,
58.9570

■ 88.4360, 75.9530,
104.8250

■ 162.6720, 35.0200,
48.1720

■ 176.0420, 27.6860,
37.9100

■ 190.1130, 19.7560,
27.4360

204.0700, 12.1470,
16.6510

217.4400, 4.8130,
6.3890

231.5110, -3.1170,
-4.0850

243.7070, -9.9010,
-13.3010

Harmonies

Analogous

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



132.5330, -24.2640, 54.2960



121.2740, 57.8930, 79.6930



90.0390, 113.1390, 91.6910

Triad

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



121.2740, 57.8930, 79.6930



122.0240, 51.0370, -38.3950



119.0170, -113.2900, -17.3380

Complementary

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



121.2740, 57.8930, 79.6930



158.7260, -57.8930, -79.6930

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.



110.8090, -90.1780, -39.7300



121.2740, 57.8930, 79.6930



107.4850, -2.5100, -64.6700

Square

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



121.2740, 57.8930, 79.6930



121.7560, 93.8550, -10.4090



100.1560, -64.3150, -62.4190



119.4680, -124.2050, -1.2370

Rectangle

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



121.2740, 57.8930, 79.6930



107.1500, 115.7590, 55.2070



100.1560, -64.3150, -62.4190



117.0960, -106.5030, -24.7030

Sweetspot

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



121.2740, 57.8930, 79.6930



219.1130, 19.7560, 27.4360



83.1760, -36.1400, 60.2760



106.0700, 12.1470, 16.6510



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.



121.2740, 57.8930, 79.6930



113.6860, 78.2450, 107.3410



111.5840, 85.1780, 53.2580



105.3150, 3.6670, 5.1310



68.8120, 59.3140, 81.4740



18.7980, 16.0890, 22.3050

Inverse Universe

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



121.2740, 57.8930, 79.6930



113.6860, 78.2450, 107.3410



168.4160, -85.1780, -53.2580



105.3150, 3.6670, 5.1310



68.8120, 59.3140, 81.4740



18.7980, 16.0890, 22.3050

Previews

White Background



This preview shows how the YIQ color 121.2740, 57.8930, 79.6930 looks on a white background.

Color Contrast Check

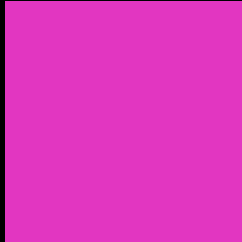
Large Text (above 18pt) WCAG AA ✓ Pass

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 121.2740, 57.8930, 79.6930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

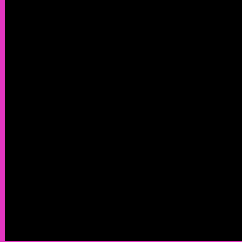
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 121.2740, 57.8930, 79.6930

Background



This preview shows how black text looks on a background with the YIQ color 121.2740, 57.8930, 79.6930.



This preview shows how white text looks on a background with the YIQ color 121.2740, 57.8930,

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

121.2740, 57.8930, 79.6930

Protanopia

120.3630, -83.4040, 24.7560

Deuteranopia

131.2580, -26.5490, 13.0910



Tritanopia

127.2550, 74.9580, 29.2140

Trichromacy



Original Color

121.2740, 57.8930, 79.6930



Protanomaly

120.4300, -31.6440, 44.8680



Deuteranomaly

127.5370, 4.3030, 37.6710



Tritanomaly

125.2120, 68.4900, 47.3220

Monochromacy



Original Color

121.2740, 57.8930, 79.6930



Achromatopsia

121.0000, -0.0000, 0.0000



Achromatomaly

121.2380, 20.9020, 28.6940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 121.2740, 57.8930, 79.6930 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(226, 54, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 54, 193)  
}
```

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(226, 54, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 54, 193) }
```

Border

The CSS property to change the border of an element to YIQ 121.2740, 57.8930, 79.6930 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(226, 54, 193) }
```


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

```
.border{ border-color:rgb(226, 54, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 54, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 54, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 54, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 54,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 121.2740, 57.8930, 79.6930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 54, 193) }
```

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

```
.background{ background-color: rgb(226, 54,  
193) }
```

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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