

Converting Colors

YIQ(97.3240, 73.9330, 119.4130)

Have a look what the booklet for
YIQ(97.3240, 73.9330, 119.4130)
contains.

YIQ(97.3240, 73.9330, 119.4130)	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(97.3240, 73.9330,
119.4130)**

Conversions

Conversions Part 1

Format	Color
Hex	F200DB
RGB	242, 0, 219
RGB Percent	95%, 0%, 86%
CMY	0.0503, 0.9998, 0.1411
CMYK	0.00, 1.00, 0.10, 0.05
HSL	306°, 100%, 47%
HSV	306°, 100%, 95%
XYZ	49.4707, 24.0255, 69.0696
YIQ	97.3240, 73.9330, 119.4130

Conversions

Conversions Part 2

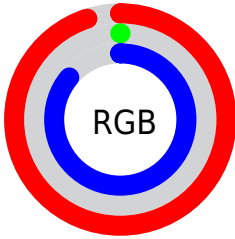
Format	Color
RYB	242, 0, 219
Decimal	15859931
CIELab	56.11, 91.36, -47.51
CIELCh	56, 102.980, 332.524
Yxy	24.0255, 0.3470, 0.1685
Android (android.graphics.Color)	4294050011 (0xFFFF200DB)
YUV	97.3240, 59.9863, 126.8809
Hunter-Lab	49.0158, 94.3785, -49.2361

Details

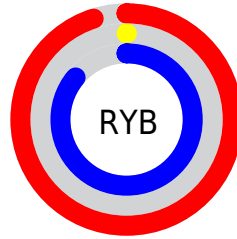
The YIQ color **97.3240, 73.9330, 119.4130** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **144.6760, -73.9330, -119.4130**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6020, 42.3500, 80.5420**, and **72.7010, 55.5530, 89.0650** is the 20% darker color. If you saturate the color by 10%, you get **97.3240, 73.9330, 119.4130**, and if you desaturate by 10%, it is **111.6400, 66.6910, 107.4830**.

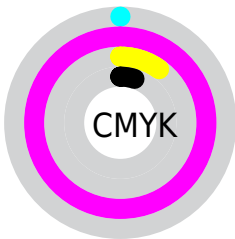
Distribution



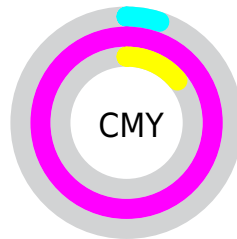
- Red (95%)
- Green (0%)
- Blue (86%)



- Red (95%)
- Yellow (0%)
- Blue (86%)



- Cyan (0%)
- Magenta (100%)
- Yellow (10%)
- Black (5%)



- Cyan (5%)
- Magenta (100%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 97.3240, 73.9330, 119.4130 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 97.3240, 73.9330, 119.4130 by changing the saturation by 10% instead.

97.3240, 73.9330,
119.4130

97.3240, 73.9330,
119.4130

255.0000, -0.0000,
-0.0000

84.8630, 64.4450,
104.1330

164.6020, 42.3500,
80.5420

72.7010, 55.5530,
89.0650

183.3860, 33.5500,
63.8060

60.7670, 46.0190,
74.6190

202.1700, 24.7500,
47.0700

48.8330, 36.4850,
60.1730

219.7800, 16.5000,
31.3800

37.1980, 27.5470,
45.9390

237.9770, 7.9750,
15.1670

26.0900, 18.5630,
32.5390

14.4980, 8.0660,

19.0260

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,
0.0000

■ 97.3240, 73.9330,
119.4130

■ 111.6400, 66.6910,
107.4830

■ 126.0700, 59.1280,
95.8640

■ 140.9730, 51.6110,
83.4110

■ 155.2890, 44.3690,
71.4810

■ 169.7190, 36.8060,
59.8620

■ 184.0350, 29.5640,
47.9320

■ 198.9380, 22.0470,
35.4790

■ 213.3680, 14.4840,
23.8600

■ 227.6840, 7.2420,
11.9300

Harmonies

Analogous

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



127.7810, -36.8260, 50.6780



97.3240, 73.9330, 119.4130



91.1790, 109.9290, 94.8010

Triad

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



97.3240, 73.9330, 119.4130



125.6010, 56.7220, -36.7980



126.0100, -120.5800, -17.3800

Complementary

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



97.3240, 73.9330, 119.4130



144.6760, -73.9330, -119.4130

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.



115.1630, -91.4150, -44.8470



97.3240, 73.9330, 119.4130



107.4300, -9.8450, -69.4050

Square

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



97.3240, 73.9330, 119.4130



122.7520, 108.8460, -1.2500



101.3010, -57.8940, -74.1660



125.3380, -126.9550, -6.4670

Rectangle

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



97.3240, 73.9330, 119.4130



84.5670, 128.5470, 76.7630



101.3010, -57.8940, -74.1660



122.7040, -111.2710, -26.3990

Sweetspot

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



97.3240, 73.9330, 119.4130



209.5900, 23.1470, 37.5710



33.5680, -65.7620, 79.5020



100.4280, 14.2550, 22.5030



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.



97.3240, 73.9330, 119.4130



102.5790, 77.8290, 125.9010



83.8720, 111.8110, 82.7150



112.8420, 3.6210, 5.9650



73.9400, 56.3780, 90.6340



22.5580, 17.0050, 27.7330

Inverse Universe

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



97.3240, 73.9330, 119.4130



102.5790, 77.8290, 125.9010



158.1280, -111.8110, -82.7150



112.8420, 3.6210, 5.9650



73.9400, 56.3780, 90.6340



22.5580, 17.0050, 27.7330

Previews

White Background



This preview shows how the YIQ color 97.3240, 73.9330, 119.4130 looks on a white background.

Color Contrast Check

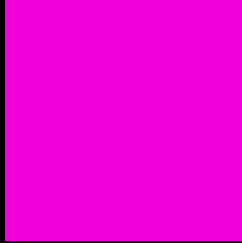
Large Text (above 18pt) WCAG AA ✓ Pass

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 97.3240, 73.9330, 119.4130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

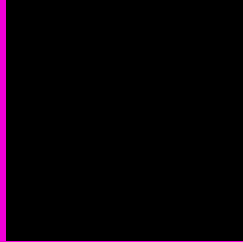
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 97.3240, 73.9330, 119.4130

Background



This preview shows how black text looks on a background with the YIQ color 97.3240, 73.9330, 119.4130.



This preview shows how white text looks on a background with the YIQ color 97.3240, 73.9330,

119.4130.

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

97.3240, 73.9330, 119.4130

Protanopia

126.8860, -77.6270, 24.6850

Deuteranopia

133.2270, -42.4590, 15.0850



Tritanopia

129.6260, 84.2190, 32.0830

Trichromacy



Original Color

97.3240, 73.9330, 119.4130



Protanomaly

116.0650, -22.7060, 59.1020



Deuteranomaly

120.2830, -0.1930, 53.0790



Tritanomaly

117.9830, 80.0410, 63.7610

Monochromacy



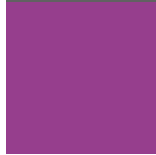
Original Color

97.3240, 73.9330, 119.4130



Achromatopsia

97.0000, -0.0000, 0.0000



Achromatomaly

97.3180, 27.0890, 43.2250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 97.3240, 73.9330, 119.4130 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(242, 0, 219)` looks like.

```
.text, #text, p{  
    color:rgb(242, 0, 219)  
}
```

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(242, 0, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 0, 219) }
```

Border

The CSS property to change the border of an element to YIQ 97.3240, 73.9330, 119.4130 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(242, 0, 219) }
```


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

```
.border{ border-color:rgb(242, 0, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 0, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 0, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 0, 219);  
box-shadow:4px 4px 4px 4px rgb(242, 0,  
219) }
```

Background

The CSS property to change the background color of an element to YIQ 97.3240, 73.9330, 119.4130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 0, 219) }
```

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

```
.background{ background-color: rgb(242, 0,  
219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor