

Converting Colors

YIQ(117.7730, 81.4130, 82.9570)

Have a look what the booklet for
YIQ(117.7730, 81.4130, 82.9570)
contains.

YIQ(117.7730, 81.4130, 82.9570)	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(117.7730, 81.4130,
82.9570)**

Conversions

Conversions Part 1

Format	Color
Hex	F72AA9
RGB	247, 42, 169
RGB Percent	97%, 16%, 66%
CMY	0.0308, 0.8356, 0.3370
CMYK	0.00, 0.83, 0.32, 0.03
HSL	323°, 93%, 57%
HSV	323°, 83%, 97%
XYZ	46.4005, 24.3170, 39.8124
YIQ	117.7730, 81.4130, 82.9570

Conversions

Conversions Part 2

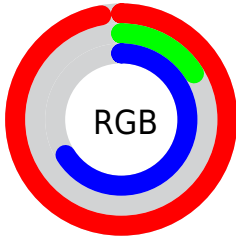
Format	Color
R _Y B	247, 42, 169
Decimal	16198313
CIE Lab	56.40, 81.61, -18.18
CIE LCh	56, 83.615, 347.441
Yxy	24.3170, 0.4198, 0.2200
Android (android.graphics.Color)	4294388393 (0xFFFF72AA9)
YUV	117.7730, 25.2549, 113.3321
Hunter-Lab	49.3123, 81.6635, -13.3493

Details

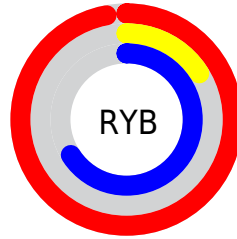
The YIQ color **117.7730, 81.4130, 82.9570** is a light color, and the websafe version is hex **FF0099**. The color can be described as light washed rose. A complement of this color would be **171.2270, -81.4130, -82.9570**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **168.1120, 49.0010, 64.6250**, and **68.6530, 72.7030, 75.6070** is the 20% darker color. If you saturate the color by 10%, you get **102.0720, 91.1770, 93.2330**, and if you desaturate by 10%, it is **133.4740, 71.6490, 72.6810**.

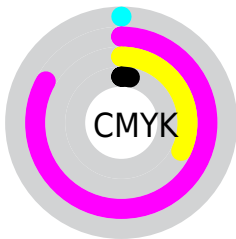
Distribution



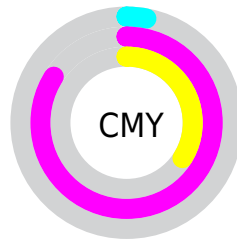
- Red (97%)
- Green (16%)
- Blue (66%)



- Red (97%)
- Yellow (16%)
- Blue (66%)



- Cyan (0%)
- Magenta (83%)
- Yellow (32%)
- Black (3%)




- Cyan (3%)
- Magenta (84%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 117.7730, 81.4130, 82.9570 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 117.7730, 81.4130, 82.9570 by changing the saturation by 10% instead.


 117.7730, 81.4130,
82.9570


 117.7730, 81.4130,
82.9570


255.0000, -0.0000,
-0.0000


 80.8860, 82.8330,
90.2650


 168.1120, 49.0010,
64.6250


 68.6530, 72.7030,
75.6070


 189.6150, 31.1670,
57.4310

 56.8330, 62.8480,
61.4720


 207.4530, 22.2750,
42.3630

 45.1270, 52.6720,
47.6480

 225.0630, 14.0250,
26.6730

 33.9480, 42.4500,
34.6580

 243.2600, 5.5000,
10.4600

 22.8830, 31.9070,
21.9790

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 117.7730, 81.4130,
82.9570

■ 117.7730, 81.4130,
82.9570

■ 102.0720, 91.1770,
93.2330

■ 133.4740, 71.6490,
72.6810

■ 91.2950, 98.0990,
99.9470

■ 148.7020, 61.8390,
63.2390

■ 164.4030, 52.0750,
52.9630

■ 180.2180, 41.9900,
42.9980

■ 195.9190, 32.2260,
32.7220

211.0330, 22.7370,
22.9690

226.8480, 12.6520,
13.0040

242.5490, 2.8880,
2.7280

252.4940, -4.4470,
-2.0070

Harmonies

Analogous

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



136.7180, 12.1840, 65.5600



117.7730, 81.4130, 82.9570



109.0220, 110.6680, 64.8760

Triad

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



117.7730, 81.4130, 82.9570



122.1910, 34.0290, -49.5470



123.8560, -122.7820, -10.5100

Complementary

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



117.7730, 81.4130, 82.9570



171.2270, -81.4130, -82.9570

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.



117.6200, -102.4670, -31.7710



117.7730, 81.4130, 82.9570



93.7720, -46.3390, -79.8350

Square

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



117.7730, 81.4130, 82.9570



127.5380, 79.3690, -23.2150



107.7820, -77.5210, -54.3610



118.8810, -123.9300, -0.7140

Rectangle

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



117.7730, 81.4130, 82.9570



120.3550, 112.7830, 32.0390



107.7820, -77.5210, -54.3610



122.2770, -116.9580, -16.9420

Sweetspot

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



117.7730, 81.4130, 82.9570



214.6960, 25.3040, 26.0080



87.7950, -21.1050, 79.6550



103.3970, 15.5400, 15.7320



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.



117.7730, 81.4130, 82.9570



94.2570, 101.2620, 103.1980



106.3730, 113.5130, 51.8570



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Inverse Universe

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



117.7730, 81.4130, 82.9570



94.2570, 101.2620, 103.1980



182.6270, -113.5130, -51.8570



114.5000, 4.5840, 5.0320



68.7240, 73.9410, 75.1970



21.7450, 23.6080, 23.7040

Previews

White Background



This preview shows how the YIQ color 117.7730, 81.4130, 82.9570 looks on a white background.

Color Contrast Check

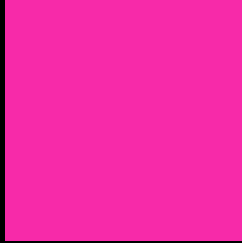
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.7730, 81.4130, 82.9570 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 117.7730, 81.4130, 82.9570

Background



This preview shows how black text looks on a background with the YIQ color 117.7730, 81.4130, 82.9570.



This preview shows how white text looks on a background with the YIQ color 117.7730, 81.4130,

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

117.7730, 81.4130, 82.9570

Protanopia

132.3260, -55.6190, 22.3090

Deuteranopia

136.7580, -4.7700, 9.3580



Tritanopia

125.0900, 97.6520, 36.4360

Trichromacy



Original Color

117.7730, 81.4130, 82.9570



Protanomaly

127.0770, -5.7850, 44.2870



Deuteranomaly

129.8030, 26.8610, 36.3410



Tritanomaly

122.4060, 91.5510, 53.3990

Monochromacy



Original Color

117.7730, 81.4130, 82.9570



Achromatopsia

118.0000, 0.0000, -0.0000



Achromatomaly

117.7830, 29.6130, 30.5170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.7730, 81.4130, 82.9570 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, 42, 169)` looks like.

```
.text, #text, p{  
    color:rgb(247, 42, 169)  
}
```

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, 42, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 42, 169) }
```

Border

The CSS property to change the border of an element to YIQ 117.7730, 81.4130, 82.9570 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, 42, 169) }
```


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

```
.border{ border-color:rgb(247, 42, 169) }
```

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

Here you see how a box with a 4 pixel rgb(247, 42, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 42, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 42, 169);  
box-shadow:4px 4px 4px 4px rgb(247, 42,  
169) }
```

Background

The CSS property to change the background color of an element to YIQ 117.7730, 81.4130, 82.9570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 42, 169) }
```

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

```
.background{ background-color: rgb(247, 42,  
169) }
```

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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