

Converting Colors

YIQ(117.2180, 95.8570, 74.4890)

Have a look what the booklet for
YIQ(117.2180, 95.8570, 74.4890)
contains.

YIQ(117.2180, 95.8570, 74.4890)	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(117.2180, 95.8570,
74.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	FF2B8A
RGB	255, 43, 138
RGB Percent	100%, 17%, 54%
CMY	0.0000, 0.8316, 0.4585
CMYK	0.00, 0.83, 0.46, 0.00
HSL	333°, 100%, 58%
HSV	333°, 83%, 100%
XYZ	46.6938, 24.8185, 26.4039
YIQ	117.2180, 95.8570, 74.4890

Conversions

Conversions Part 2

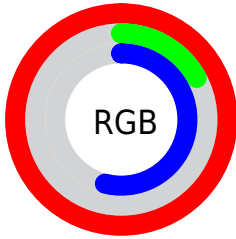
Format	Color
R_{YB}	255, 43, 138
Decimal	16722826
CIE _{Lab}	56.90, 80.31, 0.97
CIE _{LCh}	57, 80.317, 0.690
Yxy	24.8185, 0.4769, 0.2535
Android (android.graphics.Color)	4294912906 (0xFFFF2B8A)
YUV	117.2180, 10.2455, 120.8348
Hunter-Lab	49.8182, 80.1231, 3.4488

Details

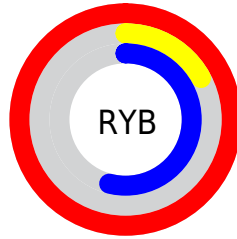
The YIQ color **117.2180, 95.8570, 74.4890** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **180.7820, -95.8570, -74.4890**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9370, 59.3190, 53.8390**, and **67.4400, 86.1840, 68.0720** is the 20% darker color. If you saturate the color by 10%, you get **100.3600, 107.5010, 83.7330**, and if you desaturate by 10%, it is **133.4890, 84.4880, 65.7680**.

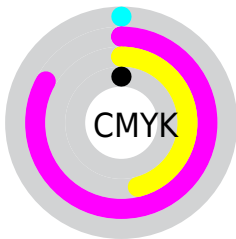
Distribution



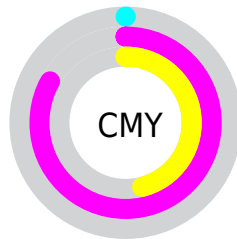
- Red (100%)
- Green (17%)
- Blue (54%)



- Red (100%)
- Yellow (17%)
- Blue (54%)



- Cyan (0%)
- Magenta (83%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (83%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 117.2180, 95.8570, 74.4890 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 117.2180, 95.8570, 74.4890 by changing the saturation by 10% instead.


 117.2180, 95.8570,
74.4890


 117.2180, 95.8570,
74.4890


255.0000, -0.0000,
-0.0000


 79.5590, 96.6350,
82.4190


 164.9370, 59.3190,
53.8390


 67.5540, 85.8630,
68.3830


 186.3260, 41.8060,
46.3340

 55.5490, 75.0910,
54.3470


 207.1280, 24.5680,
39.3520

 43.8860, 63.3560,
41.2440

 225.6500, 13.7500,
26.1500

 32.3370, 51.3000,
28.4520

 243.8470, 5.2250,
9.9370

 21.3860, 40.4360,
16.0840

 11.1770, 21.7310,

8.1550

■ 0.0000, 0.0000,
0.0000

■ 117.2180, 95.8570,
74.4890

■ 117.2180, 95.8570,
74.4890

■ 100.3600,
107.5010, 83.7330

■ 133.4890, 84.4880,
65.7680

■ 89.2410, 115.3860,
89.5140

■ 150.3470, 72.8440,
56.5240

■ 166.6180, 61.4750,
47.8030

■ 183.4760, 49.8310,
38.5590

■ 199.7470, 38.4620,
29.8380

■ 216.6050, 26.8180,
20.5940

■ 232.8760, 15.4490,
11.8730

■ 249.8480, 3.4840,
2.9400

■ 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.



133.5770, 43.4980, 70.7460



117.2180, 95.8570, 74.4890



121.7710, 108.9760, 40.4640

Triad

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



117.2180, 95.8570, 74.4890



117.6180, 13.3530, -60.3030



123.5770, -126.1300, -4.8980

Complementary

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



117.2180, 95.8570, 74.4890



180.7820, -95.8570, -74.4890

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.



121.0400, -112.0970, -22.4410



117.2180, 95.8570, 74.4890



102.1620, -64.4520, -65.4440

Square

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



117.2180, 95.8570, 74.4890



127.6940, 60.8940, -35.3140



112.9460, -89.3060, -44.5220



114.1850, -121.7300, 3.4700

Rectangle

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



117.2180, 95.8570, 74.4890



125.9400, 105.6810, 6.5530



112.9460, -89.3060, -44.5220



123.6110, -123.4700, -9.0540

Sweetspot

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



117.2180, 95.8570, 74.4890



213.4420, 28.8350, 22.5870



102.1510, 1.6800, 90.7360



102.5990, 17.7870, 13.5550



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.



117.2180, 95.8570, 74.4890



89.2410, 115.3860, 89.5140



112.8450, 123.3270, 39.1910



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Inverse Universe

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



117.2180, 95.8570, 74.4890



89.2410, 115.3860, 89.5140



185.1550, -123.3270, -39.1910



119.4570, 6.1430, 4.3110



66.9130, 86.2300, 67.2380



22.4420, 28.8350, 22.5870

Previews

White Background



This preview shows how the YIQ color 117.2180, 95.8570, 74.4890 looks on a white background.

Color Contrast Check

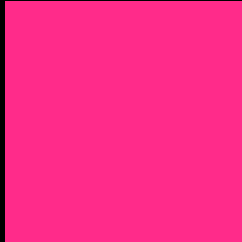
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.2180, 95.8570, 74.4890 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 117.2180, 95.8570, 74.4890

Background



This preview shows how black text looks on a background with the YIQ color 117.2180, 95.8570, 74.4890.



This preview shows how white text looks on a background with the YIQ color 117.2180, 95.8570,

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

117.2180, 95.8570, 74.4890

Protanopia

136.8990, -26.9160, 14.2360

Deuteranopia

137.8230, 13.8000, 3.2080



Tritanopia

121.5430, 109.6180, 39.8420

Trichromacy



Original Color

117.2180, 95.8570, 74.4890



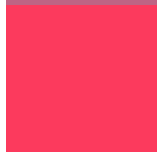
Protanomaly

130.0130, 17.4620, 35.9740



Deuteranomaly

130.5580, 43.3680, 29.0320



Tritanomaly

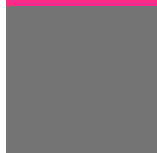
119.9960, 104.3890, 52.0130

Monochromacy



Original Color

117.2180, 95.8570, 74.4890



Achromatopsia

117.0000, -0.0000, 0.0000



Achromatomaly

117.0130, 34.6570, 27.2090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 117.2180, 95.8570, 74.4890 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, 43, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 43, 138)  
}
```

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, 43, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 43, 138) }
```

Border

The CSS property to change the border of an element to YIQ 117.2180, 95.8570, 74.4890 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, 43, 138) }
```


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

```
.border{ border-color:rgb(255, 43, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 43, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 43, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 43, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 43,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 117.2180, 95.8570, 74.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 43, 138) }
```

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

```
.background{ background-color: rgb(255, 43,  
138) }
```

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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