

Converting Colors

Yxy(41.8687, 0.4144, 0.3066)

Have a look what the booklet for
Yxy(41.8687, 0.4144, 0.3066)
contains.

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Color

Yxy(41.9402, 0.4147, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	FF8A9F
RGB	255, 138, 159
RGB Percent	100%, 54%, 62%
CMY	0.0001, 0.4587, 0.3765
CMYK	0.00, 0.46, 0.38, 0.00
HSL	349°, 100%, 77%
HSV	349°, 46%, 100%
XYZ	56.5797, 41.9402, 37.9154
YIQ	175.3770, 62.9910, 31.3350

Conversions

Conversions Part 2

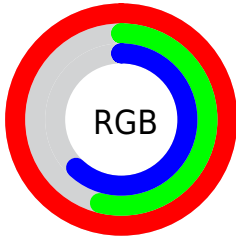
Format	Color
R _Y B	255, 138, 159
Decimal	16747167
CIE Lab	70.83, 46.34, 9.00
CIE LCh	71, 47.208, 10.990
Yxy	41.9402, 0.4147, 0.3074
Android (android.graphics.Color)	4294937247 (0xFFFF8A9F)
YUV	175.3770, -8.0739, 69.8294
Hunter-Lab	64.7613, 42.6172, 10.6207

Details

The Yxy color **41.9402, 0.4147, 0.3074** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.8492, 0.2604, 0.3532**, and the grayscale version is **43.0963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2550, 0.3468, 0.3076**, and **19.1818, 0.4445, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **34.7973, 0.4512, 0.3038**, and if you desaturate by 10%, it is **50.9274, 0.3838, 0.3120**.

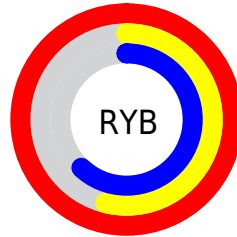
Distribution



Red (100%)

Green (54%)

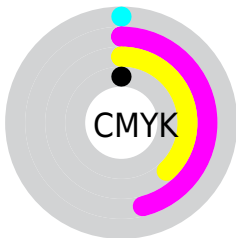
Blue (62%)



Red (100%)

Yellow (54%)

Blue (62%)

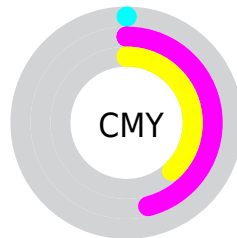


Cyan (0%)

Magenta (46%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (46%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9402, 0.4147, 0.3074 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 Yxy color 41.9402, 0.4147, 0.3074 by changing the saturation by 10% instead.


 41.9402, 0.4147,
0.3074


 41.9402, 0.4147,
0.3074


354.2350, 0.3625,
0.3195


 29.0545, 0.4280,
0.3040


 78.1091, 0.3955,
0.3121

 19.1220, 0.4452,
0.2994


 102.1611, 0.3884,
0.3138

 11.7585, 0.4682,
0.2929


 130.7039, 0.3824,
0.3151

 6.5794, 0.5004,
0.2832

164.1220, 0.3772,
0.3163

 3.2005, 0.5483,
0.2675

202.7998, 0.3728,
0.3173

 1.2373, 0.6281,
0.2405

247.1216, 0.3689,

 0.0918, 0.9329,

0.3181

0.0671

297.4719, 0.3655,
0.3189

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.9402, 0.4147,
0.3074

■ 41.9402, 0.4147,
0.3074

■ 34.7973, 0.4512,
0.3038

■ 50.9274, 0.3838,
0.3120

■ 29.3643, 0.4922,
0.3019

■ 61.8685, 0.3583,
0.3169

■ 25.4985, 0.5349,
0.3028

■ 74.8718, 0.3376,
0.3218

■ 23.0312, 0.5748,
0.3068

■ 90.0362, 0.3209,
0.3264

■ 21.7540, 0.6064,
0.3139

99.9951, 0.3127,
0.3290

■ 21.4503, 0.6165,
0.3170

Harmonies

Analogous

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



41.9402, 0.3514, 0.2637



41.9402, 0.4147, 0.3074



41.9402, 0.4472, 0.3582

Triad

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



41.9402, 0.4147, 0.3074



41.9402, 0.3311, 0.4514



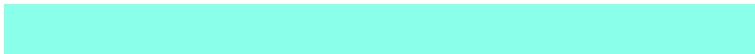
41.9402, 0.1986, 0.2370

Complementary

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



41.9402, 0.4147, 0.3074



82.8492, 0.2604, 0.3532

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.



41.9402, 0.1946, 0.2764



41.9402, 0.4147, 0.3074



41.9402, 0.2666, 0.4105

Square

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



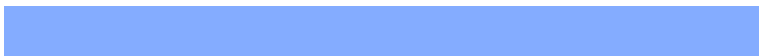
41.9402, 0.4147, 0.3074



41.9402, 0.3941, 0.4460



41.9402, 0.2177, 0.3405



41.9402, 0.2285, 0.2239

Rectangle

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



41.9402, 0.4147, 0.3074



41.9402, 0.4455, 0.3923



41.9402, 0.2177, 0.3405



41.9402, 0.1943, 0.2471

Sweetspot

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



41.9423, 0.4147, 0.3074



77.5545, 0.3342, 0.3227



42.8158, 0.2995, 0.2105



15.9421, 0.3382, 0.3216



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9423, 0.4147, 0.3074



35.3553, 0.4478, 0.3041



53.7734, 0.4185, 0.3679



18.0403, 0.3266, 0.3248



11.2261, 0.6132, 0.3152



1.1068, 0.5845, 0.2993

Inverse Universe

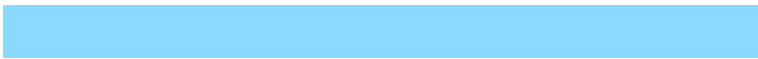
The Inverse Universe completely reimagines the original color for something new.



41.9423, 0.4147, 0.3074



35.3553, 0.4478, 0.3041



62.7354, 0.2434, 0.2849



18.0403, 0.3266, 0.3248



11.2261, 0.6132, 0.3152



1.1068, 0.5845, 0.2993

Previews

White Background



This preview shows how the Yxy color 41.9402, 0.4147, 0.3074 looks on a white background.

Color Contrast Check

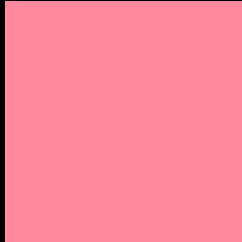
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 41.9402, 0.4147, 0.3074 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 ✓ Pass

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

Yxy 41.9402, 0.4147, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 41.9402, 0.4147, 0.3074.



This preview shows how white text looks on a background with the Yxy color 41.9402, 0.4147, 0.3074.

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

41.9402, 0.4147, 0.3074

Protanopia

42.2155, 0.3104, 0.3223

Deuteranopia

41.9763, 0.3539, 0.3460



Tritanopia

42.0290, 0.4230, 0.3189

Trichromacy



Original Color

41.9402, 0.4147, 0.3074



Protanomaly

40.9193, 0.3453, 0.3152



Deuteranomaly

41.2373, 0.3760, 0.3292



Tritanomaly

41.8360, 0.4201, 0.3147

Monochromacy



Original Color

41.9402, 0.4147, 0.3074



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.5426, 0.3468, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9402, 0.4147, 0.3074 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, 138, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 138, 159)  
}
```

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, 138, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 138, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.9402, 0.4147, 0.3074 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, 138, 159) }
```

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

```
.border{ border-color:rgb(255, 138, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 138, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 138, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 138, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 138,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9402, 0.4147, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 138, 159) }
```

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

```
.background{ background-color: rgb(255,  
138, 159) }
```

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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