

Converting Colors

$Yxy(47.1489, 0.4081, 0.3252)$

Have a look what the booklet for
Yxy(47.1489, 0.4081, 0.3252)
contains.

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Color

Yxy(47.2059, 0.4078, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FF9B9F
RGB	255, 155, 159
RGB Percent	100%, 61%, 62%
CMY	0.0001, 0.3921, 0.3765
CMYK	0.00, 0.39, 0.38, 0.00
HSL	358°, 100%, 80%
HSV	358°, 39%, 100%
XYZ	59.2143, 47.2059, 38.7841
YIQ	185.3560, 58.3160, 22.4440

Conversions

Conversions Part 2

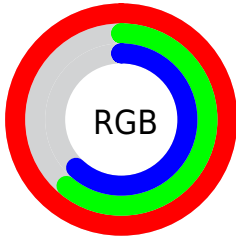
Format	Color
R_{YB}	255, 155, 159
Decimal	16751519
CIE _{Lab}	74.32, 37.72, 13.95
CIE _{LCh}	74, 40.220, 20.299
Yxy	47.2059, 0.4078, 0.3251
Android (android.graphics.Color)	4294941599 (0xFFFF9B9F)
YUV	185.3560, -12.9935, 61.0778
Hunter-Lab	68.7065, 33.6026, 14.6261

Details

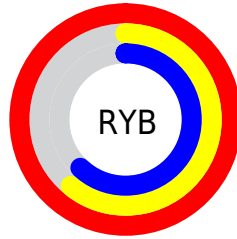
The Yxy color **47.2059, 0.4078, 0.3251** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4472, 0.2601, 0.3333**, and the grayscale version is **48.7751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7036, 0.3438, 0.3260**, and **22.3212, 0.4352, 0.3214** is the 20% darker color. If you saturate the color by 10%, you get **38.8298, 0.4468, 0.3243**, and if you desaturate by 10%, it is **57.5468, 0.3754, 0.3261**.

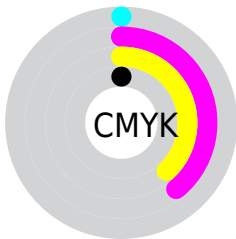
Distribution



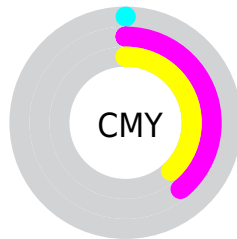
- Red (100%)
- Green (61%)
- Blue (62%)



- Red (100%)
- Yellow (61%)
- Blue (62%)



- Cyan (0%)
- Magenta (39%)
- Yellow (38%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2059, 0.4078, 0.3251 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 47.2059, 0.4078, 0.3251 by changing the saturation by 10% instead.


 47.2059, 0.4078,
0.3251

 47.2059, 0.4078,
0.3251


375.6358, 0.3599,
0.3285

 33.1985, 0.4198,
0.3238


 86.0209, 0.3904,
0.3266

 22.2785, 0.4351,
0.3220


 111.5972, 0.3838,
0.3271

 14.0617, 0.4554,
0.3191


141.7986, 0.3783,
0.3275

 8.1636, 0.4834,
0.3144

177.0095, 0.3736,
0.3278

 4.1998, 0.5241,
0.3059

217.6143, 0.3695,
0.3280

 1.7859, 0.5888,
0.2895

263.9973, 0.3659,

 0.4784, 0.7577,

0.3282

0.2423

316.5430, 0.3627,
0.3284

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.2059, 0.4078,
0.3251

47.2059, 0.4078,
0.3251

38.8298, 0.4468,
0.3243

57.5468, 0.3754,
0.3261

32.2879, 0.4915,
0.3239

69.9586, 0.3492,
0.3271

27.4447, 0.5391,
0.3240

84.5479, 0.3283,
0.3281

24.1429, 0.5835,
0.3250

99.9973, 0.3127,
0.3290

■ 22.1962, 0.6176,
0.3267

■ 21.3280, 0.6363,
0.3284

■ 21.2795, 0.6373,
0.3284

Harmonies

Analogous

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



47.2059, 0.3624, 0.2850



47.2059, 0.4078, 0.3251



47.2059, 0.4246, 0.3688

Triad

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



47.2059, 0.4078, 0.3251



47.2059, 0.3121, 0.4210



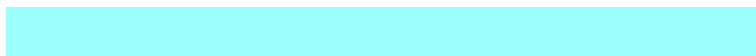
47.2059, 0.2225, 0.2468

Complementary

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



47.2059, 0.4078, 0.3251



85.4472, 0.2601, 0.3333

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.



47.2059, 0.2122, 0.2740



47.2059, 0.4078, 0.3251



47.2059, 0.2607, 0.3786

Square

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



47.2059, 0.4078, 0.3251



47.2059, 0.3663, 0.4300



47.2059, 0.2252, 0.3217



47.2059, 0.2549, 0.2413

Rectangle

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



47.2059, 0.4078, 0.3251



47.2059, 0.4171, 0.3960



47.2059, 0.2252, 0.3217



47.2059, 0.2165, 0.2534

Sweetspot

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



47.2082, 0.4078, 0.3251



80.2564, 0.3337, 0.3279



50.9890, 0.3131, 0.2307



16.7606, 0.3363, 0.3277



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.



47.2082, 0.4078, 0.3251



40.5205, 0.4376, 0.3245



64.9342, 0.3926, 0.3760



17.9987, 0.3288, 0.3281



11.1254, 0.6361, 0.3278



1.0872, 0.6266, 0.3226

Inverse Universe

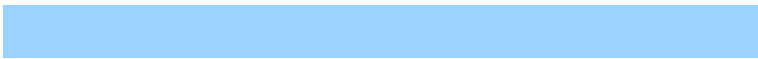
The Inverse Universe completely reimagines the original color for something new.



47.2082, 0.4078, 0.3251



40.5205, 0.4376, 0.3245



60.2823, 0.2502, 0.2762



17.9987, 0.3288, 0.3281



11.1254, 0.6361, 0.3278



1.0872, 0.6266, 0.3226

Previews

White Background



This preview shows how the Yxy color 47.2059, 0.4078, 0.3251 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 47.2059, 0.4078, 0.3251 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 47.2059, 0.4078, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 47.2059, 0.4078, 0.3251.



This preview shows how white text looks on a background with the Yxy color 47.2059, 0.4078, 0.3251.

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

47.2059, 0.4078, 0.3251

Protanopia

47.2918, 0.3260, 0.3407

Deuteranopia

47.2661, 0.3628, 0.3550



Tritanopia

47.1244, 0.4010, 0.3166

Trichromacy



Original Color

47.2059, 0.4078, 0.3251



Protanomaly

46.4783, 0.3540, 0.3340



Deuteranomaly

46.7365, 0.3795, 0.3432



Tritanomaly

47.0155, 0.4041, 0.3198

Monochromacy



Original Color

47.2059, 0.4078, 0.3251



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

47.1083, 0.3436, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2059, 0.4078, 0.3251 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, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 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, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 159) }
```

Border

The CSS property to change the border of an element to Yxy 47.2059, 0.4078, 0.3251 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, 155, 159) }
```

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

```
.border{ border-color:rgb(255, 155, 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, 155, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2059, 0.4078, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 159) }
```

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

```
.background{ background-color: rgb(255,  
155, 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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