

Converting Colors

$Yxy(47.0517, 0.3943, 0.3084)$

Have a look what the booklet for
Yxy(47.0517, 0.3943, 0.3084)
contains.

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Color

Yxy(47.0596, 0.3941, 0.3082)

Conversions

Conversions Part 1

Format	Color
Hex	FF99AD
RGB	255, 153, 173
RGB Percent	100%, 60%, 68%
CMY	0.0000, 0.4000, 0.3215
CMYK	0.00, 0.40, 0.32, 0.00
HSL	348°, 100%, 80%
HSV	348°, 40%, 100%
XYZ	60.1758, 47.0596, 45.4563
YIQ	185.7780, 54.3720, 27.8440

Conversions

Conversions Part 2

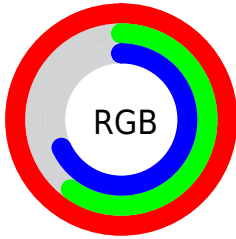
Format	Color
R _Y B	255, 153, 173
Decimal	16751021
CIE Lab	74.23, 40.42, 6.09
CIE LCh	74, 40.879, 8.565
Yxy	47.0596, 0.3941, 0.3082
Android (android.graphics.Color)	4294941101 (0xFFFF99AD)
YUV	185.7780, -6.2996, 60.7077
Hunter-Lab	68.6000, 36.5299, 8.7327

Details

The Yxy color **47.0596, 0.3941, 0.3082** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2899, 0.2666, 0.3517**, and the grayscale version is **48.9870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.4624, 0.3338, 0.3100**, and **22.2306, 0.4172, 0.3014** is the 20% darker color. If you saturate the color by 10%, you get **38.8534, 0.4266, 0.3035**, and if you desaturate by 10%, it is **57.1750, 0.3671, 0.3135**.

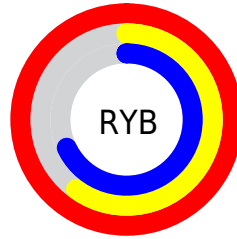
Distribution



Red (100%)

Green (60%)

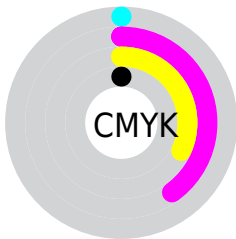
Blue (68%)



Red (100%)

Yellow (60%)

Blue (68%)

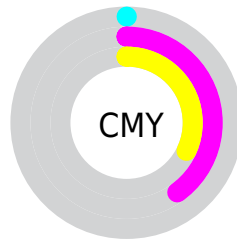


Cyan (0%)

Magenta (40%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0596, 0.3941, 0.3082 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 47.0596, 0.3941, 0.3082 by changing the saturation by 10% instead.


 47.0596, 0.3941,
0.3082


 47.0596, 0.3941,
0.3082


375.0524, 0.3533,
0.3192

 33.0828, 0.4043,
0.3053


 85.8026, 0.3793,
0.3123

 22.1899, 0.4173,
0.3015


 111.3375, 0.3737,
0.3138

 13.9965, 0.4347,
0.2963


141.4940, 0.3690,
0.3151

 8.1182, 0.4586,
0.2887

176.6563, 0.3649,
0.3162

 4.1707, 0.4939,
0.2771

217.2089, 0.3614,
0.3171

 1.7695, 0.5499,
0.2572

263.5362, 0.3584,

 0.4681, 0.7411,

0.3179

0.2195

316.0225, 0.3557,
0.3186

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

47.0596, 0.3941,
0.3082

47.0596, 0.3941,
0.3082

38.8534, 0.4266,
0.3035

57.1750, 0.3671,
0.3135

32.4302, 0.4642,
0.3002

69.3032, 0.3450,
0.3189

27.6580, 0.5056,
0.2991

83.5476, 0.3271,
0.3241

24.3839, 0.5473,
0.3011

100.0000, 0.3127,
0.3290

■ 22.4261, 0.5844,
0.3068

■ 21.4908, 0.6125,
0.3148

■ 21.4906, 0.6125,
0.3148

Harmonies

Analogous

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



47.0596, 0.3407, 0.2709



47.0596, 0.3941, 0.3082



47.0596, 0.4240, 0.3520

Triad

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



47.0596, 0.3941, 0.3082



47.0596, 0.3341, 0.4307



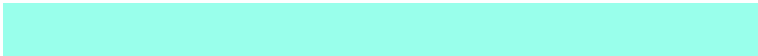
47.0596, 0.2143, 0.2535

Complementary

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



47.0596, 0.3941, 0.3082



84.2899, 0.2666, 0.3517

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.



47.0596, 0.2129, 0.2898



47.0596, 0.3941, 0.3082



47.0596, 0.2789, 0.3996

Square

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



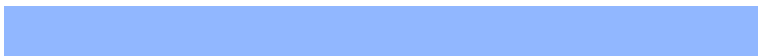
47.0596, 0.3941, 0.3082



47.0596, 0.3861, 0.4259



47.0596, 0.2354, 0.3442



47.0596, 0.2386, 0.2396

Rectangle

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



47.0596, 0.3941, 0.3082



47.0596, 0.4251, 0.3811



47.0596, 0.2354, 0.3442



47.0596, 0.2112, 0.2631

Sweetspot

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



47.0616, 0.3941, 0.3082



80.5225, 0.3304, 0.3231



47.5980, 0.3004, 0.2249



16.8227, 0.3326, 0.3224



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.



47.0616, 0.3941, 0.3082



40.3471, 0.4196, 0.3044



57.6762, 0.4013, 0.3613



18.0453, 0.3263, 0.3244



11.2457, 0.6090, 0.3128



1.1094, 0.5794, 0.2965

Inverse Universe

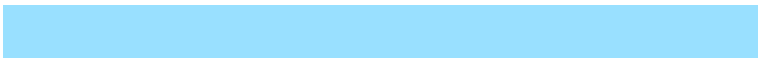
The Inverse Universe completely reimagines the original color for something new.



47.0616, 0.3941, 0.3082



40.3471, 0.4196, 0.3044



67.5199, 0.2519, 0.2935



18.0453, 0.3263, 0.3244



11.2457, 0.6090, 0.3128



1.1094, 0.5794, 0.2965

Previews

White Background



This preview shows how the Yxy color 47.0596, 0.3941, 0.3082 looks on a white background.

Color Contrast Check

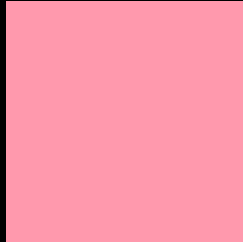
Large Text (above 18pt) WCAG AA × Fail

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 47.0596, 0.3941, 0.3082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

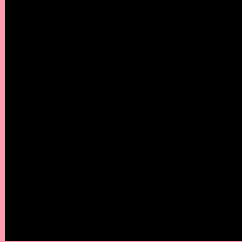
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0596, 0.3941, 0.3082

Background



This preview shows how black text looks on a background with the Yxy color 47.0596, 0.3941, 0.3082.

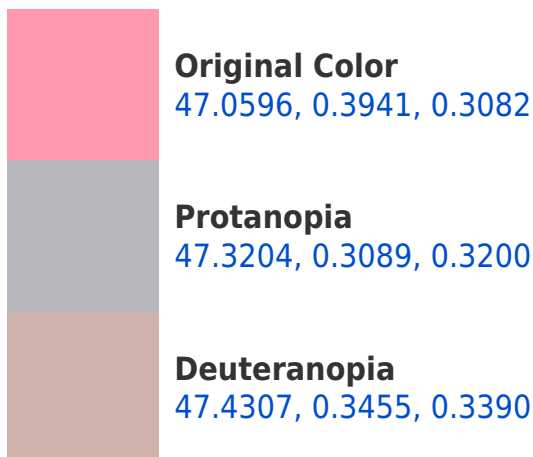


This preview shows how white text looks on a background with the Yxy color 47.0596, 0.3941, 0.3082.

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





Tritanopia

46.9352, 0.4001, 0.3166

Trichromacy



Original Color

47.0596, 0.3941, 0.3082



Protanomaly

46.2464, 0.3379, 0.3145



Deuteranomaly

46.7548, 0.3635, 0.3268



Tritanomaly

47.0466, 0.3970, 0.3134

Monochromacy



Original Color

47.0596, 0.3941, 0.3082



Achromatopsia

49.1021, 0.3127, 0.3290



Achromatomaly

47.4572, 0.3401, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0596, 0.3941, 0.3082 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, 153, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 173)  
}
```

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, 153, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 173) }
```

Border

The CSS property to change the border of an element to Yxy 47.0596, 0.3941, 0.3082 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, 153, 173) }
```

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

```
.border{ border-color:rgb(255, 153, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0596, 0.3941, 0.3082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 173) }
```

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

```
.background{ background-color: rgb(255,  
153, 173) }
```

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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