

Converting Colors

Yxy(50.0487, 0.3902, 0.3163)

Have a look what the booklet for
Yxy(50.0487, 0.3902, 0.3163)
contains.

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Color

Yxy(50.1567, 0.3901, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFA2AE
RGB	255, 162, 174
RGB Percent	100%, 64%, 68%
CMY	0.0000, 0.3647, 0.3177
CMYK	0.00, 0.36, 0.32, 0.00
HSL	352°, 100%, 82%
HSV	352°, 36%, 100%
XYZ	61.8008, 50.1567, 46.4654
YIQ	191.1750, 51.5760, 23.4480

Conversions

Conversions Part 2

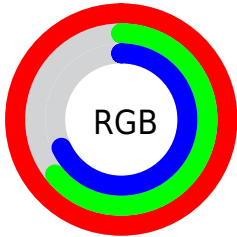
Format	Color
R _Y B	255, 162, 174
Decimal	16753326
CIE Lab	76.17, 35.90, 8.33
CIE LCh	76, 36.856, 13.063
Yxy	50.1567, 0.3901, 0.3166
Android (android.graphics.Color)	4294943406 (0xFFFFA2AE)
YUV	191.1750, -8.4673, 55.9745
Hunter-Lab	70.8214, 31.8268, 10.6752

Details

The Yxy color **50.1567, 0.3901, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.6737, 0.2670, 0.3422**, and the grayscale version is **52.2356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0600, 0.3321, 0.3181**, and **24.0782, 0.4112, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **41.2710, 0.4235, 0.3134**, and if you desaturate by 10%, it is **61.0106, 0.3626, 0.3201**.

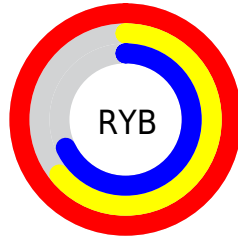
Distribution



Red (100%)

Green (64%)

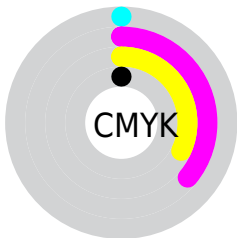
Blue (68%)



Red (100%)

Yellow (64%)

Blue (68%)

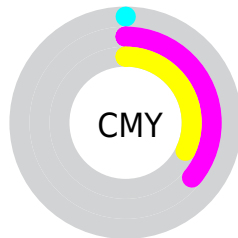


Cyan (0%)

Magenta (36%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1567, 0.3901, 0.3166 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 50.1567, 0.3901, 0.3166 by changing the saturation by 10% instead.

 50.1567, 0.3901,
0.3166

 50.1567, 0.3901,
0.3166


387.2784, 0.3516,
0.3235

 35.5379, 0.3996,
0.3147


 90.4070, 0.3762,
0.3192

 24.0775, 0.4117,
0.3122


 116.8073, 0.3709,
0.3202

 15.3911, 0.4278,
0.3086


147.9036, 0.3665,
0.3210

 9.0944, 0.4498,
0.3034

184.0803, 0.3627,
0.3216

 4.8028, 0.4818,
0.2951

225.7217, 0.3593,
0.3222

 2.1320, 0.5320,
0.2805

273.2122, 0.3564,

 0.6825, 0.6719,

0.3227

0.2656

326.9364, 0.3539,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1567, 0.3901,
0.3166

50.1567, 0.3901,
0.3166

41.2710, 0.4235,
0.3134

61.0106, 0.3626,
0.3201

34.2303, 0.4628,
0.3111

73.9353, 0.3403,
0.3236

28.9060, 0.5064,
0.3101

89.0329, 0.3224,
0.3270

25.1505, 0.5509,
0.3113

100.0000, 0.3127,
0.3290

■ 22.7913, 0.5905,
0.3150

■ 21.6137, 0.6193,
0.3207

■ 21.3691, 0.6266,
0.3226

Harmonies

Analogous

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



50.1567, 0.3454, 0.2816



50.1567, 0.3901, 0.3166



50.1567, 0.4123, 0.3563

Triad

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



50.1567, 0.3901, 0.3166



50.1567, 0.3248, 0.4158



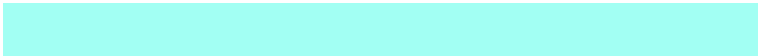
50.1567, 0.2267, 0.2589

Complementary

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



50.1567, 0.3901, 0.3166



85.6737, 0.2670, 0.3422

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.



50.1567, 0.2224, 0.2888



50.1567, 0.3901, 0.3166



50.1567, 0.2764, 0.3843

Square

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



50.1567, 0.3901, 0.3166



50.1567, 0.3721, 0.4172



50.1567, 0.2397, 0.3351



50.1567, 0.2518, 0.2489

Rectangle

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



50.1567, 0.3901, 0.3166



50.1567, 0.4106, 0.3818



50.1567, 0.2397, 0.3351



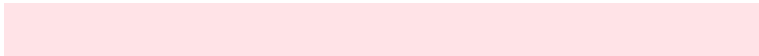
50.1567, 0.2229, 0.2667

Sweetspot

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



50.1585, 0.3901, 0.3166



81.9159, 0.3300, 0.3255



52.0464, 0.3069, 0.2356



17.0967, 0.3324, 0.3250



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.



50.1585, 0.3901, 0.3166



43.2883, 0.4147, 0.3142



63.3954, 0.3886, 0.3648



18.0252, 0.3274, 0.3260



11.1775, 0.6240, 0.3211



1.0996, 0.5990, 0.3073

Inverse Universe

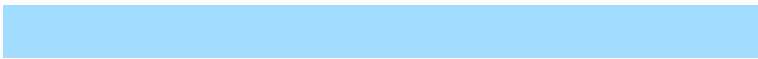
The Inverse Universe completely reimagines the original color for something new.



50.1585, 0.3901, 0.3166



43.2883, 0.4147, 0.3142



66.5632, 0.2559, 0.2898



18.0252, 0.3274, 0.3260



11.1775, 0.6240, 0.3211



1.0996, 0.5990, 0.3073

Previews

White Background



This preview shows how the Yxy color 50.1567, 0.3901, 0.3166 looks on a white background.

Color Contrast Check

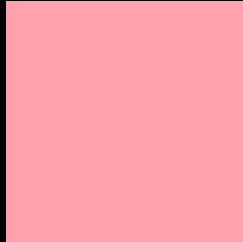
Large Text (above 18pt) WCAG AA × Fail

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 50.1567, 0.3901, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

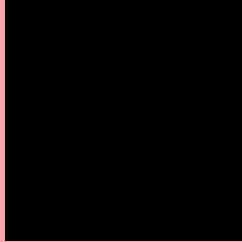
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1567, 0.3901, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 50.1567, 0.3901, 0.3166.



This preview shows how white text looks on a background with the Yxy color 50.1567, 0.3901, 0.3166.

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

50.1567, 0.3901, 0.3166

Protanopia

50.3780, 0.3161, 0.3278

Deuteranopia

50.5423, 0.3490, 0.3424



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1567, 0.3901, 0.3166



Protanomaly

49.7068, 0.3412, 0.3231



Deuteranomaly

50.1325, 0.3634, 0.3326



Tritanomaly

50.1567, 0.3901, 0.3166

Monochromacy



Original Color

50.1567, 0.3901, 0.3166



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.4414, 0.3383, 0.3231

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1567, 0.3901, 0.3166 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, 162, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 162, 174)  
}
```

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, 162, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 162, 174) }
```

Border

The CSS property to change the border of an element to Yxy 50.1567, 0.3901, 0.3166 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, 162, 174) }
```

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

```
.border{ border-color:rgb(255, 162, 174) }
```

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

Here you see how a box with a 4 pixel rgb(255, 162, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 162, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 162, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 162,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1567, 0.3901, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 162, 174) }
```

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

```
.background{ background-color: rgb(255,  
162, 174) }
```

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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