

Converting Colors

Yxy(49.2011, 0.3850, 0.3064)

Have a look what the booklet for
Yxy(49.2011, 0.3850, 0.3064)
contains.

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Color

Yxy(49.3516, 0.3851, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FF9FB4
RGB	255, 159, 180
RGB Percent	100%, 62%, 71%
CMY	0.0001, 0.3764, 0.2942
CMYK	0.00, 0.38, 0.29, 0.00
HSL	347°, 100%, 81%
HSV	347°, 38%, 100%
XYZ	61.8662, 49.3516, 49.4319
YIQ	190.0980, 50.4750, 26.8830

Conversions

Conversions Part 2

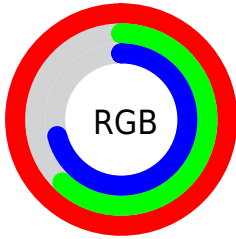
Format	Color
R _Y B	255, 159, 180
Decimal	16752564
CIE Lab	75.67, 38.19, 4.34
CIE LCh	76, 38.438, 6.479
Yxy	49.3516, 0.3851, 0.3072
Android (android.graphics.Color)	4294942644 (0xFFFF9FB4)
YUV	190.0980, -4.9783, 56.9191
Hunter-Lab	70.2507, 34.2572, 7.4561

Details

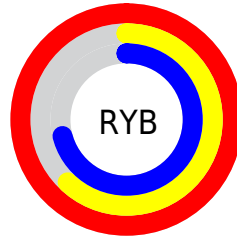
The Yxy color **49.3516, 0.3851, 0.3072** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.8164, 0.2699, 0.3526**, and the grayscale version is **51.5608, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9170, 0.3275, 0.3082**, and **23.5761, 0.4056, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **40.7144, 0.4153, 0.3017**, and if you desaturate by 10%, it is **59.9189, 0.3601, 0.3132**.

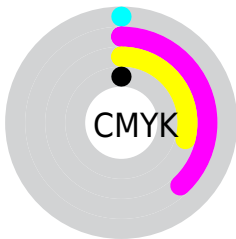
Distribution



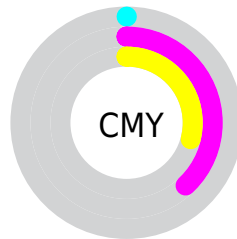
- Red (100%)
- Green (62%)
- Blue (71%)



- Red (100%)
- Yellow (62%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (29%)
- Black (0%)





- Cyan (0%)
- Magenta (38%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.3516, 0.3851, 0.3072 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 49.3516, 0.3851, 0.3072 by changing the saturation by 10% instead.

 49.3516, 0.3851,
0.3072


 49.3516, 0.3851,
0.3072


384.1249, 0.3491,
0.3184

 34.8985, 0.3940,
0.3043


 89.2134, 0.3721,
0.3113

 23.5847, 0.4053,
0.3006


 115.3909, 0.3672,
0.3129

 15.0258, 0.4203,
0.2956


146.2453, 0.3630,
0.3142

 8.8375, 0.4409,
0.2886

182.1610, 0.3595,
0.3153

 4.6353, 0.4710,
0.2779

223.5225, 0.3564,
0.3162

 2.0349, 0.5186,
0.2603

270.7140, 0.3536,

 0.6277, 0.6323,

0.3170

0.2290

324.1200, 0.3512,
0.3178

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

49.3516, 0.3851,
0.3072

49.3516, 0.3851,
0.3072

40.7144, 0.4153,
0.3017

59.9189, 0.3601,
0.3132

33.8832, 0.4507,
0.2975

72.5162, 0.3397,
0.3191

28.7306, 0.4902,
0.2953

87.2450, 0.3231,
0.3249

25.1095, 0.5313,
0.2964

99.9944, 0.3127,
0.3290

■ 22.8469, 0.5696,
0.3013

■ 21.7161, 0.6005,
0.3096

■ 21.5367, 0.6067,
0.3116

Harmonies

Analogous

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



49.3516, 0.3350, 0.2728



49.3516, 0.3851, 0.3072



49.3516, 0.4147, 0.3481

Triad

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



49.3516, 0.3851, 0.3072



49.3516, 0.3366, 0.4234



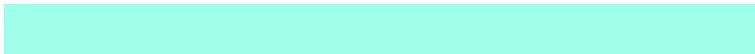
49.3516, 0.2200, 0.2607

Complementary

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



49.3516, 0.3851, 0.3072



84.8164, 0.2699, 0.3526

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.



49.3516, 0.2204, 0.2961



49.3516, 0.3851, 0.3072



49.3516, 0.2850, 0.3969

Square

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



49.3516, 0.3851, 0.3072



49.3516, 0.3840, 0.4176



49.3516, 0.2431, 0.3470



49.3516, 0.2415, 0.2459

Rectangle

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



49.3516, 0.3851, 0.3072



49.3516, 0.4175, 0.3754



49.3516, 0.2431, 0.3470



49.3516, 0.2177, 0.2703

Sweetspot

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



49.3540, 0.3851, 0.3072



82.0583, 0.3283, 0.3230



49.2770, 0.2988, 0.2304



17.1304, 0.3305, 0.3222



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.



49.3540, 0.3851, 0.3072



42.8171, 0.4068, 0.3031



58.2940, 0.3956, 0.3561



18.0520, 0.3260, 0.3238



11.2743, 0.6030, 0.3095



1.1131, 0.5724, 0.2927

Inverse Universe

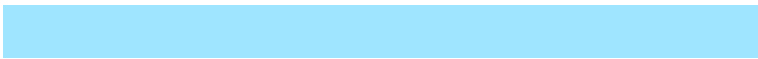
The Inverse Universe completely reimagines the original color for something new.



49.3540, 0.3851, 0.3072



42.8171, 0.4068, 0.3031



70.8438, 0.2558, 0.2997



18.0520, 0.3260, 0.3238



11.2743, 0.6030, 0.3095



1.1131, 0.5724, 0.2927

Previews

White Background



This preview shows how the Yxy color 49.3516, 0.3851, 0.3072 looks on a white background.

Color Contrast Check

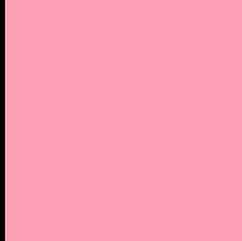
Large Text (above 18pt) WCAG AA × Fail

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 49.3516, 0.3851, 0.3072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

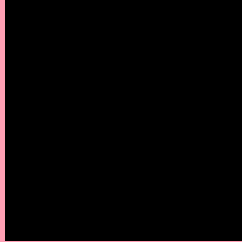
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.3516, 0.3851, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 49.3516, 0.3851, 0.3072.

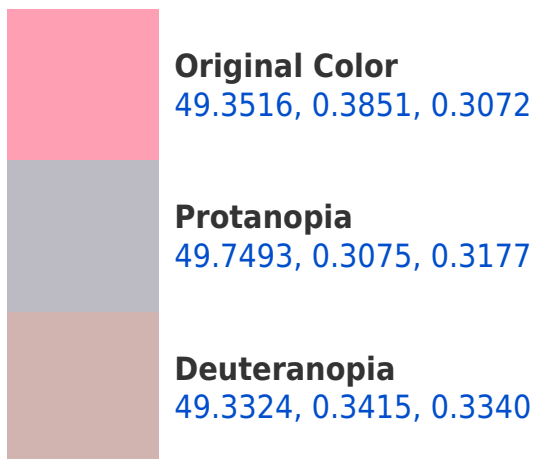


This preview shows how white text looks on a background with the Yxy color 49.3516, 0.3851, 0.3072.

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

49.1910, 0.3918, 0.3166

Trichromacy



Original Color

49.3516, 0.3851, 0.3072



Protanomaly

48.7654, 0.3329, 0.3123



Deuteranomaly

48.8481, 0.3578, 0.3233



Tritanomaly

49.3076, 0.3889, 0.3134

Monochromacy



Original Color

49.3516, 0.3851, 0.3072



Achromatopsia

51.4918, 0.3127, 0.3290



Achromatomaly

50.0815, 0.3376, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.3516, 0.3851, 0.3072 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, 159, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 180)  
}
```

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, 159, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 180) }
```

Border

The CSS property to change the border of an element to Yxy 49.3516, 0.3851, 0.3072 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, 159, 180) }
```

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

```
.border{ border-color:rgb(255, 159, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 159, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 49.3516, 0.3851, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 180) }
```

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

```
.background{ background-color: rgb(255,  
159, 180) }
```

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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