

Converting Colors

Yxy(54.1406, 0.3647, 0.3049)

Have a look what the booklet for
Yxy(54.1406, 0.3647, 0.3049)
contains.

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Color

Yxy(54.1406, 0.3647, 0.3049)

Conversions

Conversions Part 1

Format	Color
Hex	FCACC3
RGB	252, 172, 195
RGB Percent	99%, 67%, 76%
CMY	0.0116, 0.3255, 0.2353
CMYK	0.00, 0.32, 0.23, 0.01
HSL	343°, 93%, 83%
HSV	343°, 32%, 99%
XYZ	64.7592, 54.1406, 58.6686
YIQ	198.5420, 40.2970, 24.1130

Conversions

Conversions Part 2

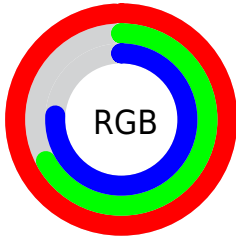
Format	Color
R _Y B	252, 172, 195
Decimal	16559299
CIE Lab	78.54, 32.46, 0.26
CIE LCh	79, 32.457, 0.458
Yxy	54.1406, 0.3647, 0.3049
Android (android.graphics.Color)	4294749379 (0xFFFCACC3)
YUV	198.5420, -1.7462, 46.8827
Hunter-Lab	73.5803, 28.3352, 4.2319

Details

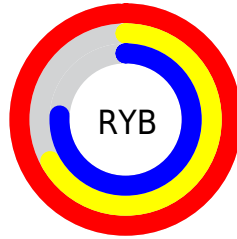
The Yxy color **54.1406, 0.3647, 0.3049** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.0747, 0.2785, 0.3548**, and the grayscale version is **56.8134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7118, 0.3165, 0.3067**, and **26.5861, 0.3790, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **44.6790, 0.3891, 0.2972**, and if you desaturate by 10%, it is **65.5241, 0.3446, 0.3128**.

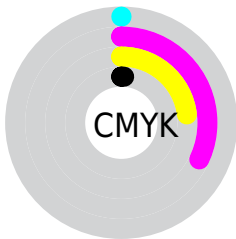
Distribution



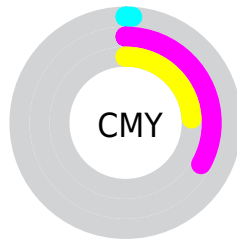
- Red (99%)
- Green (67%)
- Blue (76%)



- Red (99%)
- Yellow (67%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (23%)
- Black (1%)




- Cyan (1%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1406, 0.3647, 0.3049 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 54.1406, 0.3647, 0.3049 by changing the saturation by 10% instead.

 54.1406, 0.3647,
0.3049

 54.1406, 0.3647,
0.3049


402.6459, 0.3394,
0.3167

 38.7141, 0.3708,
0.3020

 96.2807, 0.3556,
0.3091

 26.5374, 0.3786,
0.2984


123.7630, 0.3522,
0.3107

 17.2261, 0.3887,
0.2937


156.0327, 0.3493,
0.3121

 10.3958, 0.4025,
0.2873

193.4742, 0.3467,
0.3133

 5.6622, 0.4222,
0.2781

236.4719, 0.3445,
0.3143

 2.6408, 0.4529,
0.2637

285.4101, 0.3426,

 0.9472, 0.5062,

0.3152

0.2387

340.6733, 0.3409,
0.3160

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1406, 0.3647,
0.3049

■ 54.1406, 0.3647,
0.3049

■ 44.6790, 0.3891,
0.2972

■ 65.5241, 0.3446,
0.3128

■ 37.0250, 0.4182,
0.2903

■ 78.9203, 0.3281,
0.3205

■ 31.0643, 0.4517,
0.2852

■ 94.4230, 0.3148,
0.3278

■ 26.6657, 0.4885,
0.2831

■ 99.4433, 0.3109,
0.3290

■ 23.6789, 0.5260,
0.2851

■ 21.9233, 0.5609,
0.2917

■ 21.1774, 0.5853,
0.2998

Harmonies

Analogous

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



54.1406, 0.3224, 0.2775



54.1406, 0.3647, 0.3049



54.1406, 0.3930, 0.3388

Triad

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



54.1406, 0.3647, 0.3049



54.1406, 0.3416, 0.4067



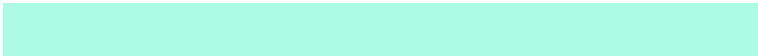
54.1406, 0.2340, 0.2777

Complementary

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



54.1406, 0.3647, 0.3049



84.0747, 0.2785, 0.3548

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.



54.1406, 0.2384, 0.3105



54.1406, 0.3647, 0.3049



54.1406, 0.2988, 0.3899

Square

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



54.1406, 0.3647, 0.3049



54.1406, 0.3783, 0.3987



54.1406, 0.2614, 0.3527



54.1406, 0.2487, 0.2611

Rectangle

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



54.1406, 0.3647, 0.3049



54.1406, 0.3990, 0.3619



54.1406, 0.2614, 0.3527



54.1406, 0.2334, 0.2870

Sweetspot

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



54.1431, 0.3647, 0.3049



83.6803, 0.3256, 0.3218



53.0285, 0.2974, 0.2451



17.4580, 0.3276, 0.3208



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.



54.1431, 0.3647, 0.3049



49.2914, 0.3795, 0.3000



59.6464, 0.3806, 0.3462



17.3073, 0.3249, 0.3222



11.0493, 0.5810, 0.2974



1.0408, 0.5474, 0.2789

Inverse Universe

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



54.1431, 0.3647, 0.3049



49.2914, 0.3795, 0.3000



75.8086, 0.2650, 0.3110



17.3073, 0.3249, 0.3222



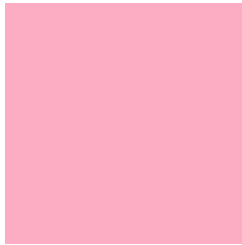
11.0493, 0.5810, 0.2974



1.0408, 0.5474, 0.2789

Previews

White Background



This preview shows how the Yxy color 54.1406, 0.3647, 0.3049 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 54.1406, 0.3647, 0.3049 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 54.1406, 0.3647, 0.3049

Background



This preview shows how black text looks on a background with the Yxy color 54.1406, 0.3647, 0.3049.



This preview shows how white text looks on a background with the Yxy color 54.1406, 0.3647, 0.3049.

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

54.1406, 0.3647, 0.3049

Protanopia

54.6070, 0.3025, 0.3121

Deuteranopia

54.0684, 0.3313, 0.3244



Tritanopia

53.9842, 0.3709, 0.3143

Trichromacy



Original Color

54.1406, 0.3647, 0.3049



Protanomaly

53.8767, 0.3236, 0.3093



Deuteranomaly

53.8001, 0.3434, 0.3166



Tritanomaly

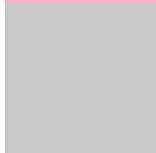
54.1141, 0.3681, 0.3111

Monochromacy



Original Color

54.1406, 0.3647, 0.3049



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.3778, 0.3298, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1406, 0.3647, 0.3049 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(252, 172, 195)` looks like.

```
.text, #text, p{  
    color:rgb(252, 172, 195)  
}
```

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(252, 172, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 172, 195) }
```

Border

The CSS property to change the border of an element to Yxy 54.1406, 0.3647, 0.3049 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(252, 172, 195) }
```

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

```
.border{ border-color:rgb(252, 172, 195) }
```

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

Here you see how a box with a 4 pixel rgb(252, 172, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 172, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 172, 195);  
box-shadow:4px 4px 4px 4px rgb(252, 172,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1406, 0.3647, 0.3049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 172, 195) }
```

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

```
.background{ background-color: rgb(252,  
172, 195) }
```

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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