

Converting Colors

$Y_{xy}(54.3866, 0.3772, 0.3170)$

Have a look what the booklet for
Yxy(54.3866, 0.3772, 0.3170)
contains.

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Color

Yxy(54.2257, 0.3774, 0.3166)

Conversions

Conversions Part 1

Format	Color
Hex	FFACB8
RGB	255, 172, 184
RGB Percent	100%, 67%, 72%
CMY	0.0001, 0.3254, 0.2784
CMYK	0.00, 0.33, 0.28, 0.00
HSL	351°, 100%, 84%
HSV	351°, 33%, 100%
XYZ	64.6392, 54.2257, 52.4102
YIQ	198.1850, 45.6160, 21.3280

Conversions

Conversions Part 2

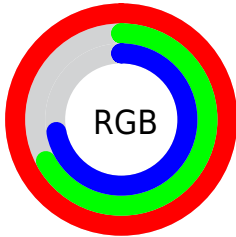
Format	Color
R _Y B	255, 172, 184
Decimal	16755896
CIE Lab	78.59, 31.97, 6.35
CIE LCh	79, 32.595, 11.236
Yxy	54.2257, 0.3774, 0.3166
Android (android.graphics.Color)	4294945976 (0xFFFFACB8)
YUV	198.1850, -6.9932, 49.8268
Hunter-Lab	73.6381, 27.8199, 9.3484

Details

The Yxy color **54.2257, 0.3774, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.7503, 0.2719, 0.3421**, and the grayscale version is **56.6145, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0381, 0.3236, 0.3172**, and **26.7027, 0.3954, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **44.5896, 0.4078, 0.3128**, and if you desaturate by 10%, it is **65.8700, 0.3525, 0.3206**.

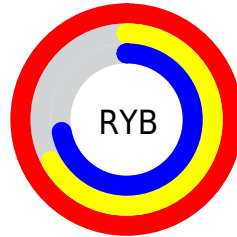
Distribution



Red (100%)

Green (67%)

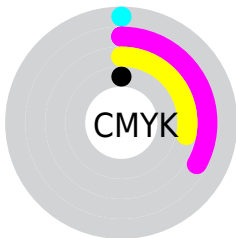
Blue (72%)



Red (100%)

Yellow (67%)

Blue (72%)

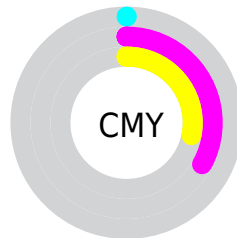


Cyan (0%)

Magenta (33%)

Yellow (28%)

Black (0%)



Cyan (0%)


Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.2257, 0.3774, 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 54.2257, 0.3774, 0.3166 by changing the saturation by 10% instead.


 54.2257, 0.3774,
0.3166

 54.2257, 0.3774,
0.3166

402.9701, 0.3457,
0.3231

 38.7821, 0.3851,
0.3149


 96.4056, 0.3660,
0.3190

 26.5903, 0.3949,
0.3126


123.9106, 0.3617,
0.3199

 17.2658, 0.4077,
0.3096


156.2050, 0.3580,
0.3207

 10.4241, 0.4252,
0.3053

193.6731, 0.3549,
0.3213

 5.6811, 0.4503,
0.2986

236.6992, 0.3521,
0.3219

 2.6521, 0.4893,
0.2874

285.6678, 0.3497,

 0.9529, 0.5639,

0.3224

0.2690

340.9633, 0.3476,
0.3228

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.2257, 0.3774,
0.3166

54.2257, 0.3774,
0.3166

44.5896, 0.4078,
0.3128

65.8700, 0.3525,
0.3206

36.8405, 0.4441,
0.3097

79.6190, 0.3324,
0.3245

30.8565, 0.4856,
0.3078

95.5724, 0.3163,
0.3281

26.4981, 0.5297,
0.3080

99.9963, 0.3127,
0.3290

■ 23.6043, 0.5718,
0.3108

■ 21.9812, 0.6059,
0.3163

■ 21.3889, 0.6238,
0.3210

Harmonies

Analogous

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



54.2257, 0.3384, 0.2861



54.2257, 0.3774, 0.3166



54.2257, 0.3980, 0.3515

Triad

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



54.2257, 0.3774, 0.3166



54.2257, 0.3263, 0.4039



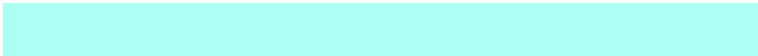
54.2257, 0.2369, 0.2695

Complementary

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



54.2257, 0.3774, 0.3166



86.7503, 0.2719, 0.3421

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.



54.2257, 0.2343, 0.2970



54.2257, 0.3774, 0.3166



54.2257, 0.2840, 0.3784

Square

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



54.2257, 0.3774, 0.3166



54.2257, 0.3667, 0.4044



54.2257, 0.2509, 0.3373



54.2257, 0.2580, 0.2592

Rectangle

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



54.2257, 0.3774, 0.3166



54.2257, 0.3979, 0.3738



54.2257, 0.2509, 0.3373



54.2257, 0.2339, 0.2768

Sweetspot

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



54.2283, 0.3774, 0.3166



83.4695, 0.3280, 0.3254



55.7019, 0.3067, 0.2454



17.4073, 0.3304, 0.3249



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.



54.2283, 0.3774, 0.3166



47.7856, 0.3964, 0.3141



66.0336, 0.3787, 0.3594



18.0298, 0.3272, 0.3256



11.1909, 0.6209, 0.3194



1.1018, 0.5945, 0.3048

Inverse Universe

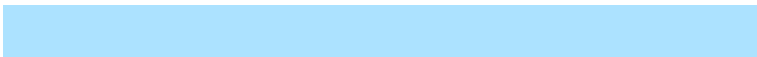
The Inverse Universe completely reimagines the original color for something new.



54.2283, 0.3774, 0.3166



47.7856, 0.3964, 0.3141



70.3527, 0.2621, 0.2962



18.0298, 0.3272, 0.3256



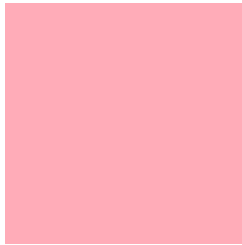
11.1909, 0.6209, 0.3194



1.1018, 0.5945, 0.3048

Previews

White Background



This preview shows how the Yxy color 54.2257, 0.3774, 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 54.2257, 0.3774, 0.3166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

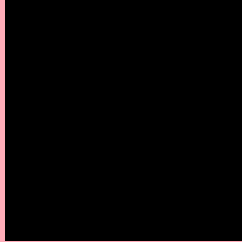
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.2257, 0.3774, 0.3166

Background



This preview shows how black text looks on a background with the Yxy color 54.2257, 0.3774, 0.3166.



This preview shows how white text looks on a background with the Yxy color 54.2257, 0.3774, 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

54.2257, 0.3774, 0.3166

Protanopia

54.5749, 0.3144, 0.3266

Deuteranopia

54.3627, 0.3446, 0.3373



Tritanopia

54.2678, 0.3765, 0.3156

Trichromacy



Original Color

54.2257, 0.3774, 0.3166



Protanomaly

53.9837, 0.3359, 0.3221



Deuteranomaly

53.9891, 0.3563, 0.3291



Tritanomaly

54.2678, 0.3765, 0.3156

Monochromacy



Original Color

54.2257, 0.3774, 0.3166



Achromatopsia

56.4712, 0.3127, 0.3290



Achromatomaly

55.3055, 0.3346, 0.3244

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2257, 0.3774, 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, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 184)  
}
```

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, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 184) }
```

Border

The CSS property to change the border of an element to Yxy 54.2257, 0.3774, 0.3166 is called "border". The border property can be set on classes, ids or directly on the HTML element.

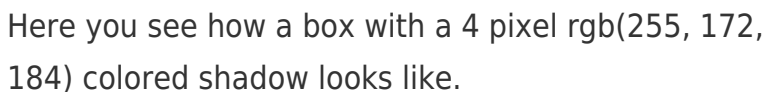
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 172, 184) }
```

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

```
.border{ border-color:rgb(255, 172, 184) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2257, 0.3774, 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, 172, 184) }
```

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

```
.background{ background-color: rgb(255,  
172, 184) }
```

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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