

Converting Colors

$Y_{xy}(57.9472, 0.3715, 0.3222)$

Have a look what the booklet for
Yxy(57.9472, 0.3715, 0.3222)
contains.

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Color

Yxy(57.9386, 0.3713, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5BC
RGB	255, 181, 188
RGB Percent	100%, 71%, 74%
CMY	0.0001, 0.2901, 0.2629
CMYK	0.00, 0.29, 0.26, 0.00
HSL	354°, 100%, 85%
HSV	354°, 29%, 100%
XYZ	66.8301, 57.9386, 55.2208
YIQ	203.9240, 41.8570, 17.8650

Conversions

Conversions Part 2

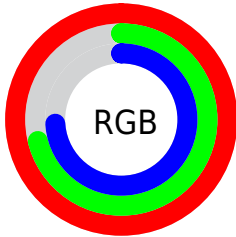
Format	Color
R _Y B	255, 181, 188
Decimal	16758204
CIE Lab	80.70, 27.78, 7.24
CIE LCh	81, 28.709, 14.603
Yxy	57.9386, 0.3713, 0.3219
Android (android.graphics.Color)	4294948284 (0xFFFFB5BC)
YUV	203.9240, -7.8505, 44.7937
Hunter-Lab	76.1174, 23.5152, 10.2692

Details

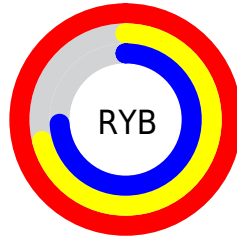
The Yxy color **57.9386, 0.3713, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1062, 0.2740, 0.3364**, and the grayscale version is **60.3640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3600, 0.3204, 0.3222**, and **29.0579, 0.3865, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **47.5846, 0.4015, 0.3194**, and if you desaturate by 10%, it is **70.3549, 0.3468, 0.3245**.

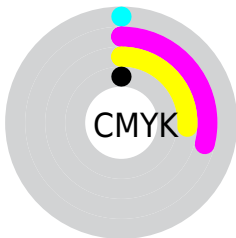
Distribution



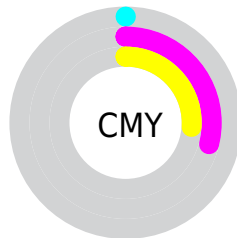
- Red (100%)
- Green (71%)
- Blue (74%)



- Red (100%)
- Yellow (71%)
- Blue (74%)



- Cyan (0%)
- Magenta (29%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (29%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9386, 0.3713, 0.3219 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 57.9386, 0.3713, 0.3219 by changing the saturation by 10% instead.


 57.9386, 0.3713,
0.3219

 57.9386, 0.3713,
0.3219


416.9571, 0.3429,
0.3258

 41.7593, 0.3781,
0.3208


 101.8334, 0.3612,
0.3234

 28.9129, 0.3868,
0.3194


130.3178, 0.3573,
0.3239

 19.0149, 0.3980,
0.3175


163.6725, 0.3540,
0.3244

 11.6810, 0.4132,
0.3147

202.2822, 0.3512,
0.3247

 6.5269, 0.4348,
0.3104

246.5310, 0.3487,
0.3251

 3.1680, 0.4679,
0.3030


296.8036, 0.3465,

 1.2201, 0.5253,


0.3253


0.2889

353.4841, 0.3446,
0.3256

 0.0780, 0.9061,
0.0939


 0.0000, 0.0000,
0.0000


 57.9386, 0.3713,
0.3219


 57.9386, 0.3713,
0.3219

 47.5846, 0.4015,
0.3194


 70.3549, 0.3468,
0.3245

 39.1735, 0.4380,
0.3173

 84.9281, 0.3271,
0.3269

 32.5864, 0.4803,
0.3159

99.9943, 0.3127,
0.3290

 27.6880, 0.5260,
0.3158

■ 24.3239, 0.5704,
0.3174

■ 22.3116, 0.6069,
0.3208

■ 21.3853, 0.6302,
0.3252

■ 21.3201, 0.6319,
0.3255

Harmonies

Analogous

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



57.9386, 0.3392, 0.2943



57.9386, 0.3713, 0.3219



57.9386, 0.3868, 0.3525

Triad

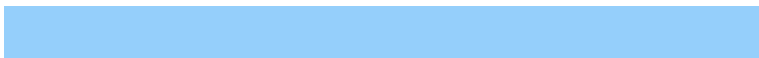
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



57.9386, 0.3713, 0.3219



57.9386, 0.3206, 0.3915



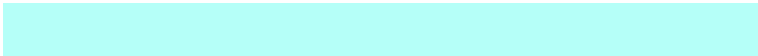
57.9386, 0.2481, 0.2758

Complementary

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



57.9386, 0.3713, 0.3219



88.1062, 0.2740, 0.3364

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.



57.9386, 0.2439, 0.2984



57.9386, 0.3713, 0.3219



57.9386, 0.2844, 0.3677

Square

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



57.9386, 0.3713, 0.3219



57.9386, 0.3562, 0.3949



57.9386, 0.2568, 0.3323



57.9386, 0.2683, 0.2681

Rectangle

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



57.9386, 0.3713, 0.3219



57.9386, 0.3852, 0.3713



57.9386, 0.2568, 0.3323



57.9386, 0.2448, 0.2818

Sweetspot

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



57.9413, 0.3713, 0.3219



84.9537, 0.3271, 0.3269



60.1544, 0.3104, 0.2553



17.7001, 0.3297, 0.3266



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.



57.9413, 0.3713, 0.3219



51.5029, 0.3887, 0.3204



70.9826, 0.3687, 0.3597



18.0148, 0.3280, 0.3268



11.1524, 0.6297, 0.3243



1.0948, 0.6094, 0.3131

Inverse Universe

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



57.9413, 0.3713, 0.3219



51.5029, 0.3887, 0.3204



71.1071, 0.2671, 0.2961



18.0148, 0.3280, 0.3268



11.1524, 0.6297, 0.3243



1.0948, 0.6094, 0.3131

Previews

White Background



This preview shows how the Yxy color 57.9386, 0.3713, 0.3219 looks on a white background.

Color Contrast Check

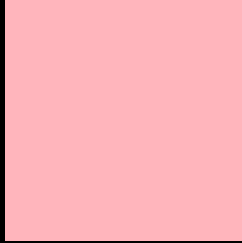
Large Text (above 18pt) WCAG AA × Fail

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 57.9386, 0.3713, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

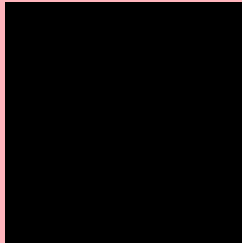
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9386, 0.3713, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 57.9386, 0.3713, 0.3219.



This preview shows how white text looks on a background with the Yxy color 57.9386, 0.3713, 0.3219.

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

57.9386, 0.3713, 0.3219

Protanopia

58.3649, 0.3181, 0.3314

Deuteranopia

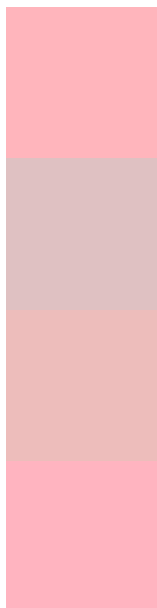
58.2975, 0.3453, 0.3382



Tritanopia

57.7976, 0.3663, 0.3146

Trichromacy



Original Color

57.9386, 0.3713, 0.3219

Protanomaly

57.7229, 0.3365, 0.3279

Deuteranomaly

57.9876, 0.3548, 0.3313

Tritanomaly

57.7083, 0.3680, 0.3166

Monochromacy



Original Color

57.9386, 0.3713, 0.3219

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2450, 0.3330, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9386, 0.3713, 0.3219 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, 181, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 188)  
}
```

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, 181, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 188) }
```

Border

The CSS property to change the border of an element to Yxy 57.9386, 0.3713, 0.3219 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, 181, 188) }
```

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

```
.border{ border-color:rgb(255, 181, 188) }
```

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

Here you see how a box with a 4 pixel rgb(255, 181, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9386, 0.3713, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 188) }
```

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

```
.background{ background-color: rgb(255,  
181, 188) }
```

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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