

Converting Colors

$Yxy(58.8606, 0.3689, 0.3218)$

Have a look what the booklet for
Yxy(58.8606, 0.3689, 0.3218)
contains.

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Color

Yxy(58.8447, 0.3690, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7BE
RGB	255, 183, 190
RGB Percent	100%, 72%, 75%
CMY	0.0002, 0.2822, 0.2550
CMYK	0.00, 0.28, 0.25, 0.00
HSL	354°, 100%, 86%
HSV	354°, 28%, 100%
XYZ	67.4548, 58.8447, 56.5048
YIQ	205.3260, 40.6650, 17.4410

Conversions

Conversions Part 2

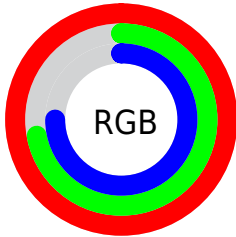
Format	Color
R _Y B	255, 183, 190
Decimal	16758718
CIE Lab	81.21, 27.00, 6.88
CIE LCh	81, 27.863, 14.287
Yxy	58.8447, 0.3690, 0.3219
Android (android.graphics.Color)	4294948798 (0xFFFFB7BE)
YUV	205.3260, -7.5557, 43.5641
Hunter-Lab	76.7103, 22.7200, 10.0242

Details

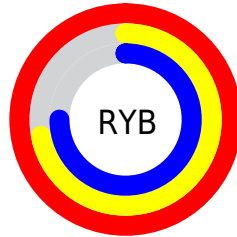
The Yxy color **58.8447, 0.3690, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3432, 0.2750, 0.3364**, and the grayscale version is **61.2986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6468, 0.3190, 0.3222**, and **29.3770, 0.3837, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **48.3346, 0.3987, 0.3193**, and if you desaturate by 10%, it is **71.4245, 0.3450, 0.3245**.

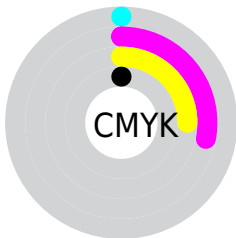
Distribution



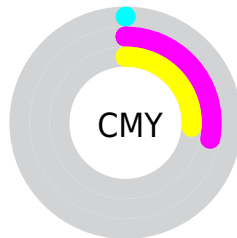
- Red (100%)
- Green (72%)
- Blue (75%)



- Red (100%)
- Yellow (72%)
- Blue (75%)



- Cyan (0%)
- Magenta (28%)
- Yellow (25%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.8447, 0.3690, 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 58.8447, 0.3690, 0.3219 by changing the saturation by 10% instead.

 58.8447, 0.3690,
0.3219

 58.8447, 0.3690,
0.3219


420.3262, 0.3417,
0.3258

 42.4881, 0.3755,
0.3209

 103.1519, 0.3593,
0.3234

 29.4837, 0.3838,
0.3195


131.8713, 0.3556,
0.3239

 19.4470, 0.3945,
0.3177


165.4805, 0.3524,
0.3243

 11.9937, 0.4089,
0.3150

204.3638, 0.3497,
0.3247

 6.7394, 0.4294,
0.3109

248.9056, 0.3473,
0.3250

 3.2997, 0.4607,
0.3039


299.4903, 0.3453,

 1.2901, 0.5138,

0.3253


0.2903

356.5024, 0.3434,
0.3255


 0.1335, 0.8548,
0.1452


 0.0000, 0.0000,
0.0000


 58.8447, 0.3690,
0.3219


 58.8447, 0.3690,
0.3219

 48.3346, 0.3987,
0.3193


 71.4245, 0.3450,
0.3245

 39.7755, 0.4345,
0.3171

 86.1678, 0.3257,
0.3271

 33.0496, 0.4763,
0.3156

99.9925, 0.3127,
0.3290

 28.0227, 0.5217,
0.3153

■ 24.5426, 0.5664,
0.3168

■ 22.4296, 0.6039,
0.3202

■ 21.4388, 0.6284,
0.3247

■ 21.3211, 0.6315,
0.3253

Harmonies

Analogous

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



58.8447, 0.3380, 0.2952



58.8447, 0.3690, 0.3219



58.8447, 0.3841, 0.3515

Triad

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



58.8447, 0.3690, 0.3219



58.8447, 0.3208, 0.3893



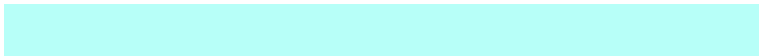
58.8447, 0.2500, 0.2778

Complementary

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



58.8447, 0.3690, 0.3219



88.3432, 0.2750, 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.



58.8447, 0.2462, 0.2999



58.8447, 0.3690, 0.3219



58.8447, 0.2857, 0.3666

Square

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



58.8447, 0.3690, 0.3219



58.8447, 0.3551, 0.3926



58.8447, 0.2589, 0.3326



58.8447, 0.2696, 0.2701

Rectangle

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



58.8447, 0.3690, 0.3219



58.8447, 0.3828, 0.3698



58.8447, 0.2589, 0.3326



58.8447, 0.2469, 0.2836

Sweetspot

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



58.8475, 0.3690, 0.3219



86.5373, 0.3253, 0.3271



61.0096, 0.3105, 0.2573



18.0156, 0.3279, 0.3267



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.



58.8475, 0.3690, 0.3219



52.5377, 0.3854, 0.3204



71.6598, 0.3669, 0.3588



18.0156, 0.3279, 0.3267



11.1541, 0.6293, 0.3241



1.0951, 0.6086, 0.3126

Inverse Universe

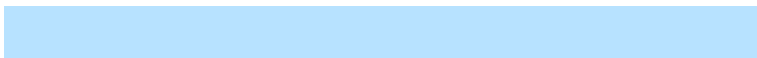
The Inverse Universe completely reimagines the original color for something new.



58.8475, 0.3690, 0.3219



52.5377, 0.3854, 0.3204



71.7826, 0.2683, 0.2971



18.0156, 0.3279, 0.3267



11.1541, 0.6293, 0.3241



1.0951, 0.6086, 0.3126

Previews

White Background



This preview shows how the Yxy color 58.8447, 0.3690, 0.3219 looks on a white background.

Color Contrast Check

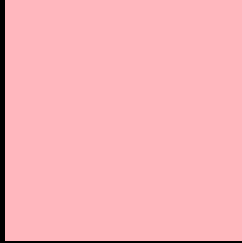
Large Text (above 18pt) WCAG AA × Fail

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 58.8447, 0.3690, 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 58.8447, 0.3690, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 58.8447, 0.3690, 0.3219.



This preview shows how white text looks on a background with the Yxy color 58.8447, 0.3690, 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

58.8447, 0.3690, 0.3219

Protanopia

59.0652, 0.3173, 0.3302

Deuteranopia

58.9919, 0.3443, 0.3370



Tritanopia

58.7014, 0.3640, 0.3146

Trichromacy



Original Color

58.8447, 0.3690, 0.3219

Protanomaly

58.4164, 0.3356, 0.3268

Deuteranomaly

58.9403, 0.3527, 0.3313

Tritanomaly

58.6109, 0.3658, 0.3166

Monochromacy



Original Color

58.8447, 0.3690, 0.3219

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.7906, 0.3313, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8447, 0.3690, 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, 183, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 190)  
}
```

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, 183, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.8447, 0.3690, 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, 183, 190) }
```

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

```
.border{ border-color:rgb(255, 183, 190) }
```

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

Here you see how a box with a 4 pixel rgb(255, 183, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8447, 0.3690, 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, 183, 190) }
```

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

```
.background{ background-color: rgb(255,  
183, 190) }
```

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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