

Converting Colors

$Yxy(59.3276, 0.3678, 0.3218)$

Have a look what the booklet for
Yxy(59.3276, 0.3678, 0.3218)
contains.

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Color

Yxy(59.3026, 0.3679, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8BF
RGB	255, 184, 191
RGB Percent	100%, 72%, 75%
CMY	0.0001, 0.2784, 0.2511
CMYK	0.00, 0.28, 0.25, 0.00
HSL	354°, 100%, 86%
HSV	354°, 28%, 100%
XYZ	67.7770, 59.3026, 57.1471
YIQ	206.0270, 40.0690, 17.2290

Conversions

Conversions Part 2

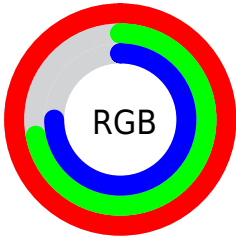
Format	Color
R_{YB}	255, 184, 191
Decimal	16758975
CIE _{Lab}	81.46, 26.63, 6.70
CIE _{LCh}	81, 27.457, 14.130
Yxy	59.3026, 0.3679, 0.3219
Android (android.graphics.Color)	4294949055 (0xFFFFB8BF)
YUV	206.0270, -7.4083, 42.9493
Hunter-Lab	77.0082, 22.3385, 9.9071

Details

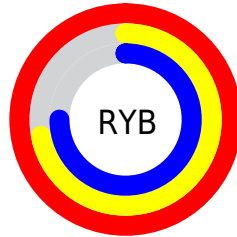
The Yxy color **59.3026, 0.3679, 0.3219** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4807, 0.2755, 0.3364**, and the grayscale version is **61.7692, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2956, 0.3183, 0.3222**, and **29.6706, 0.3821, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **48.7141, 0.3973, 0.3193**, and if you desaturate by 10%, it is **71.9648, 0.3441, 0.3246**.

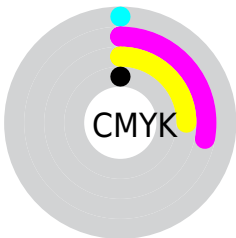
Distribution



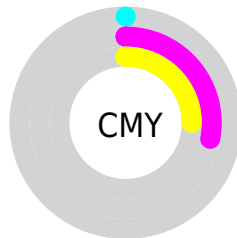
- Red (100%)
- Green (72%)
- Blue (75%)



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



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




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.3026, 0.3679, 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 59.3026, 0.3679, 0.3219 by changing the saturation by 10% instead.

 59.3026, 0.3679,
0.3219

 59.3026, 0.3679,
0.3219


422.0224, 0.3412,
0.3257

 42.8568, 0.3743,
0.3209


 103.8173, 0.3584,
0.3233

 29.7727, 0.3823,
0.3195

132.6550, 0.3548,
0.3239

 19.6662, 0.3928,
0.3177


166.3921, 0.3517,
0.3243

 12.1526, 0.4068,
0.3151

205.4130, 0.3490,
0.3247

 6.8477, 0.4268,
0.3111

250.1021, 0.3467,
0.3250

 3.3670, 0.4572,
0.3043


300.8437, 0.3447,


 1.3262, 0.5086,


0.3253


0.2911


358.0224, 0.3428,
0.3255


 0.1614, 0.8327,
0.1673


 0.0000, 0.0000,
0.0000


 59.3026, 0.3679,
0.3219


 59.3026, 0.3679,
0.3219

 48.7141, 0.3973,
0.3193


 71.9648, 0.3441,
0.3246

 40.0810, 0.4329,
0.3170

 86.7943, 0.3250,
0.3271

 33.2859, 0.4743,
0.3154

99.9968, 0.3127,
0.3290

 28.1953, 0.5197,
0.3151

■ 24.6578, 0.5645,
0.3165

■ 22.4950, 0.6023,
0.3198

■ 21.4704, 0.6275,
0.3244

■ 21.3269, 0.6313,
0.3252

Harmonies

Analogous

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



59.3026, 0.3374, 0.2956



59.3026, 0.3679, 0.3219



59.3026, 0.3829, 0.3511

Triad

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



59.3026, 0.3679, 0.3219



59.3026, 0.3209, 0.3883



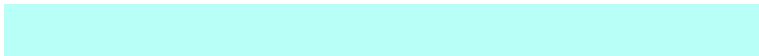
59.3026, 0.2510, 0.2787

Complementary

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



59.3026, 0.3679, 0.3219



88.4807, 0.2755, 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.



59.3026, 0.2473, 0.3005



59.3026, 0.3679, 0.3219



59.3026, 0.2864, 0.3661

Square

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



59.3026, 0.3679, 0.3219



59.3026, 0.3545, 0.3915



59.3026, 0.2599, 0.3327



59.3026, 0.2701, 0.2710

Rectangle

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



59.3026, 0.3679, 0.3219



59.3026, 0.3816, 0.3690



59.3026, 0.2599, 0.3327



59.3026, 0.2479, 0.2845

Sweetspot

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



59.3054, 0.3679, 0.3219



86.5389, 0.3253, 0.3271



61.4429, 0.3105, 0.2583



18.0160, 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.



59.3054, 0.3679, 0.3219



53.5877, 0.3823, 0.3205



72.0073, 0.3660, 0.3584



18.0160, 0.3279, 0.3267



11.1549, 0.6291, 0.3239



1.0953, 0.6082, 0.3124

Inverse Universe

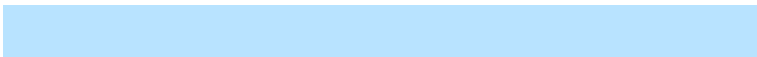
The Inverse Universe completely reimagines the original color for something new.



59.3054, 0.3679, 0.3219



53.5877, 0.3823, 0.3205



72.1293, 0.2689, 0.2976



18.0160, 0.3279, 0.3267



11.1549, 0.6291, 0.3239



1.0953, 0.6082, 0.3124

Previews

White Background



This preview shows how the Yxy color 59.3026, 0.3679, 0.3219 looks on a white background.

Color Contrast Check

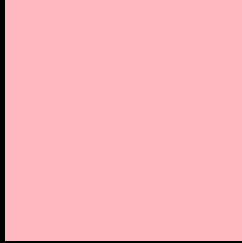
Large Text (above 18pt) WCAG AA × Fail

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 59.3026, 0.3679, 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 59.3026, 0.3679, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 59.3026, 0.3679, 0.3219.



This preview shows how white text looks on a background with the Yxy color 59.3026, 0.3679, 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

59.3026, 0.3679, 0.3219

Protanopia

59.7235, 0.3173, 0.3302

Deuteranopia

59.6480, 0.3442, 0.3370



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.3026, 0.3679, 0.3219

Protanomaly

58.9087, 0.3347, 0.3268

Deuteranomaly

59.5941, 0.3525, 0.3313

Tritanomaly

59.0671, 0.3647, 0.3167

Monochromacy



Original Color

59.3026, 0.3679, 0.3219

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4525, 0.3312, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3026, 0.3679, 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, 184, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 191)  
}
```

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, 184, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 191) }
```

Border

The CSS property to change the border of an element to Yxy 59.3026, 0.3679, 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, 184, 191) }
```

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

```
.border{ border-color:rgb(255, 184, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3026, 0.3679, 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, 184, 191) }
```

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

```
.background{ background-color: rgb(255,  
184, 191) }
```

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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