

Converting Colors

$Y_{xy}(77.5095, 0.4300, 0.3231)$

Have a look what the booklet for
Yxy(77.5095, 0.4300, 0.3231)
contains.

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Color

Yxy(59.3468, 0.3670, 0.3208)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB8C0 |
| RGB | 255, 184, 192 |
| RGB Percent | 100%, 72%, 75% |
| CMY | 0.0000, 0.2784, 0.2470 |
| CMYK | 0.00, 0.28, 0.25, 0.00 |
| HSL | 353°, 100%, 86% |
| HSV | 353°, 28%, 100% |
| XYZ | 67.8936, 59.3468, 57.7558 |
| YIQ | 206.1410, 39.7480, 17.5400 |

Conversions

Conversions Part 2

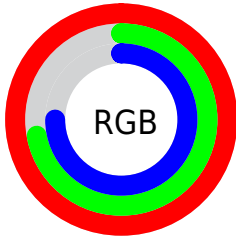
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 184, 192 |
| Decimal | 16758976 |
| CIE Lab | 81.48, 26.78, 6.17 |
| CIE LCh | 81, 27.480, 12.983 |
| Yxy | 59.3468, 0.3670, 0.3208 |
| Android (android.graphics.Color) | 4294949056 (0xFFFFB8C0) |
| YUV | 206.1410, -6.9715, 42.8493 |
| Hunter-Lab | 77.0369, 22.4999, 9.4751 |

Details

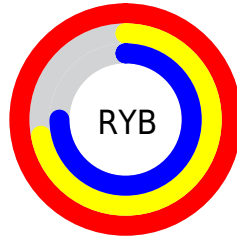
The Yxy color **59.3468, 0.3670, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4194, 0.2760, 0.3375**, and the grayscale version is **61.8450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3575, 0.3177, 0.3213**, and **29.6997, 0.3809, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **48.7658, 0.3959, 0.3178**, and if you desaturate by 10%, it is **71.9967, 0.3436, 0.3239**.

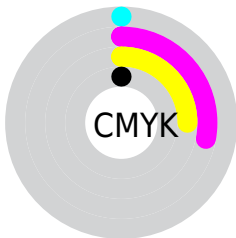
Distribution



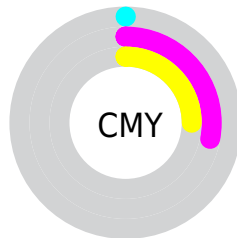
- Red (100%)
- Green (72%)
- Blue (75%)



- 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 59.3468, 0.3670, 0.3208 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 59.3468, 0.3670, 0.3208 by changing the saturation by 10% instead.


 59.3468, 0.3670,
0.3208

 59.3468, 0.3670,
0.3208

422.1859, 0.3408,
0.3251

 42.8924, 0.3733,
0.3197


 103.8815, 0.3577,
0.3224

 29.8007, 0.3812,
0.3182


132.7306, 0.3541,
0.3230

 19.6873, 0.3914,
0.3162


166.4800, 0.3511,
0.3235

 12.1680, 0.4053,
0.3134

205.5142, 0.3484,
0.3239

 6.8582, 0.4249,
0.3091

250.2174, 0.3462,
0.3243

 3.3736, 0.4547,
0.3020


300.9742, 0.3441,


 1.3297, 0.5051,


0.3246


0.2884

358.1689, 0.3424,
0.3249

 0.1640, 0.8315,
0.1685


 0.0000, 0.0000,
0.0000


 59.3468, 0.3670,
0.3208


 59.3468, 0.3670,
0.3208

 48.7658, 0.3959,
0.3178


 71.9967, 0.3436,
0.3239

 40.1358, 0.4308,
0.3151

 86.8088, 0.3248,
0.3268

 33.3398, 0.4716,
0.3132

99.9981, 0.3127,
0.3290

 28.2447, 0.5163,
0.3127

■ 24.6998, 0.5608,
0.3142

■ 22.5272, 0.5990,
0.3179

■ 21.4914, 0.6251,
0.3231

■ 21.3457, 0.6292,
0.3240

Harmonies

Analogous

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



59.3468, 0.3360, 0.2947



59.3468, 0.3670, 0.3208



59.3468, 0.3827, 0.3500

Triad

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



59.3468, 0.3670, 0.3208



59.3468, 0.3223, 0.3888



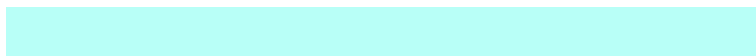
59.3468, 0.2505, 0.2793

Complementary

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



59.3468, 0.3670, 0.3208



88.4194, 0.2760, 0.3375

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.



59.3468, 0.2475, 0.3016



59.3468, 0.3670, 0.3208



59.3468, 0.2876, 0.3672

Square

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



59.3468, 0.3670, 0.3208



59.3468, 0.3557, 0.3912



59.3468, 0.2606, 0.3341



59.3468, 0.2691, 0.2710

Rectangle

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



59.3468, 0.3670, 0.3208



59.3468, 0.3820, 0.3681



59.3468, 0.2606, 0.3341



59.3468, 0.2477, 0.2853

Sweetspot

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



59.3496, 0.3670, 0.3208



86.5566, 0.3251, 0.3268



61.2255, 0.3096, 0.2581



18.0204, 0.3277, 0.3263



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.



59.3496, 0.3670, 0.3208



53.6386, 0.3812, 0.3192



71.4164, 0.3663, 0.3572



18.0204, 0.3277, 0.3263



11.1651, 0.6268, 0.3226



1.0974, 0.6037, 0.3099

Inverse Universe

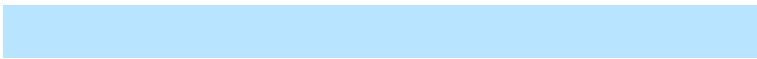
The Inverse Universe completely reimagines the original color for something new.



59.3496, 0.3670, 0.3208



53.6386, 0.3812, 0.3192



72.7771, 0.2690, 0.2989



18.0204, 0.3277, 0.3263



11.1651, 0.6268, 0.3226



1.0974, 0.6037, 0.3099

Previews

White Background



This preview shows how the Yxy color 59.3468, 0.3670, 0.3208 looks on a white background.

Color Contrast Check

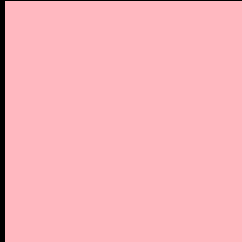
Large Text (above 18pt) WCAG AA × Fail

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 59.3468, 0.3670, 0.3208 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 59.3468, 0.3670, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 59.3468, 0.3670, 0.3208.



This preview shows how white text looks on a background with the Yxy color 59.3468, 0.3670, 0.3208.

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

59.3468, 0.3670, 0.3208

Protanopia

59.6271, 0.3158, 0.3290

Deuteranopia

59.5285, 0.3425, 0.3359



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.3468, 0.3670, 0.3208



Protanomaly

58.9547, 0.3339, 0.3257



Deuteranomaly

59.4654, 0.3508, 0.3302



Tritanomaly

59.0671, 0.3647, 0.3167

Monochromacy



Original Color

59.3468, 0.3670, 0.3208



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 59.3468, 0.3670, 0.3208 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 192) }
```

Border

The CSS property to change the border of an element to Yxy 59.3468, 0.3670, 0.3208 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, 192) }
```

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

```
.border{ border-color:rgb(255, 184, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3468, 0.3670, 0.3208 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, 192) }
```

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

```
.background{ background-color: rgb(255,  
184, 192) }
```

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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