

Converting Colors

$Yxy(59.4395, 0.3653, 0.3187)$

Have a look what the booklet for
Yxy(59.4395, 0.3653, 0.3187)
contains.

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Color

Yxy(59.4360, 0.3653, 0.3187)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8C2
RGB	255, 184, 194
RGB Percent	100%, 72%, 76%
CMY	0.0000, 0.2785, 0.2391
CMYK	0.00, 0.28, 0.24, 0.00
HSL	352°, 100%, 86%
HSV	352°, 28%, 100%
XYZ	68.1267, 59.4360, 58.9325
YIQ	206.3690, 39.1060, 18.1620

Conversions

Conversions Part 2

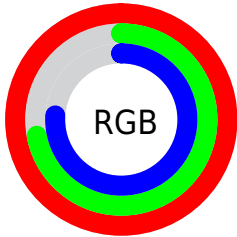
Format	Color
R _Y B	255, 184, 194
Decimal	16758978
CIE Lab	81.53, 27.08, 5.17
CIE LCh	82, 27.567, 10.801
Yxy	59.4360, 0.3653, 0.3187
Android (android.graphics.Color)	4294949058 (0xFFFFB8C2)
YUV	206.3690, -6.0979, 42.6494
Hunter-Lab	77.0947, 22.8201, 8.6441

Details

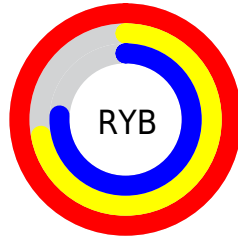
The Yxy color **59.4360, 0.3653, 0.3187** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3003, 0.2770, 0.3397**, and the grayscale version is **61.9890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4823, 0.3164, 0.3194**, and **29.7290, 0.3797, 0.3158** is the 20% darker color. If you saturate the color by 10%, you get **48.8655, 0.3931, 0.3149**, and if you desaturate by 10%, it is **72.0568, 0.3427, 0.3226**.

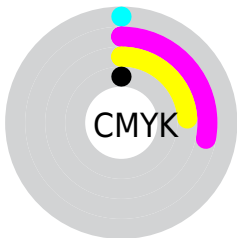
Distribution



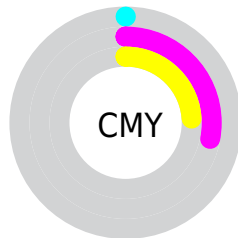
- Red (100%)
- Green (72%)
- Blue (76%)



- Red (100%)
- Yellow (72%)
- Blue (76%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4360, 0.3653, 0.3187 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 59.4360, 0.3653, 0.3187 by changing the saturation by 10% instead.

 59.4360, 0.3653,
0.3187

 59.4360, 0.3653,
0.3187


422.5158, 0.3399,
0.3240

 42.9642, 0.3714,
0.3174


 104.0111, 0.3563,
0.3206

 29.8570, 0.3790,
0.3156


132.8831, 0.3528,
0.3214

 19.7301, 0.3889,
0.3133


166.6574, 0.3499,
0.3220

 12.1990, 0.4023,
0.3101

205.7183, 0.3474,
0.3225

 6.8794, 0.4212,
0.3053

250.4502, 0.3451,
0.3229

 3.3868, 0.4500,
0.2976

301.2374, 0.3432,

 1.3368, 0.4986,

0.3233

0.2832

358.4645, 0.3415,
0.3237

0.1695, 0.8291,
0.1709

0.0000, 0.0000,
0.0000

59.4360, 0.3653,
0.3187

59.4360, 0.3653,
0.3187

48.8655, 0.3931,
0.3149

72.0568, 0.3427,
0.3226

40.2423, 0.4268,
0.3115

86.8349, 0.3245,
0.3263

33.4455, 0.4662,
0.3090

100.0000, 0.3127,
0.3290

28.3430, 0.5097,
0.3082

■ 24.7848, 0.5535,
0.3097

■ 22.5944, 0.5921,
0.3139

■ 21.5375, 0.6199,
0.3202

■ 21.3875, 0.6244,
0.3214

Harmonies

Analogous

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



59.4360, 0.3335, 0.2930



59.4360, 0.3653, 0.3187



59.4360, 0.3824, 0.3479

Triad

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



59.4360, 0.3653, 0.3187



59.4360, 0.3249, 0.3898



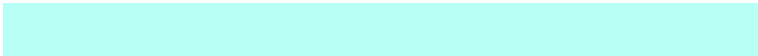
59.4360, 0.2496, 0.2803

Complementary

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



59.4360, 0.3653, 0.3187



88.3003, 0.2770, 0.3397

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.



59.4360, 0.2477, 0.3036



59.4360, 0.3653, 0.3187



59.4360, 0.2899, 0.3695

Square

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



59.4360, 0.3653, 0.3187



59.4360, 0.3579, 0.3908



59.4360, 0.2620, 0.3366



59.4360, 0.2672, 0.2710

Rectangle

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



59.4360, 0.3653, 0.3187



59.4360, 0.3827, 0.3663



59.4360, 0.2620, 0.3366



59.4360, 0.2471, 0.2867

Sweetspot

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



59.4340, 0.3653, 0.3187



86.5905, 0.3247, 0.3262



60.7935, 0.3078, 0.2577



18.0289, 0.3272, 0.3257



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.



59.4340, 0.3653, 0.3187



53.7371, 0.3789, 0.3167



70.2454, 0.3670, 0.3548



18.0289, 0.3272, 0.3257



11.1880, 0.6216, 0.3198



1.1014, 0.5954, 0.3054

Inverse Universe

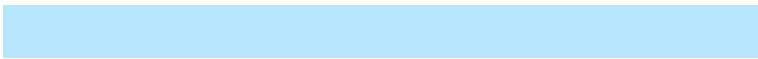
The Inverse Universe completely reimagines the original color for something new.



59.4340, 0.3653, 0.3187



53.7371, 0.3789, 0.3167



74.0852, 0.2693, 0.3016



18.0289, 0.3272, 0.3257



11.1880, 0.6216, 0.3198



1.1014, 0.5954, 0.3054

Previews

White Background



This preview shows how the Yxy color 59.4360, 0.3653, 0.3187 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 59.4360, 0.3653, 0.3187 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 59.4360, 0.3653, 0.3187

Background



This preview shows how black text looks on a background with the Yxy color 59.4360, 0.3653, 0.3187.



This preview shows how white text looks on a background with the Yxy color 59.4360, 0.3653, 0.3187.

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

59.4360, 0.3653, 0.3187

Protanopia

59.7225, 0.3144, 0.3267

Deuteranopia

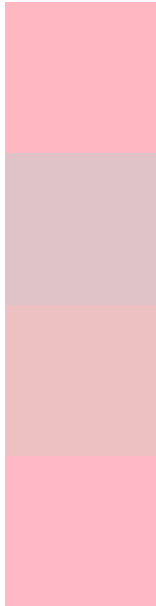
59.6165, 0.3410, 0.3336



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.4360, 0.3653, 0.3187

Protanomaly

59.0476, 0.3324, 0.3234

Deuteranomaly

59.5541, 0.3492, 0.3280

Tritanomaly

59.5722, 0.3627, 0.3156

Monochromacy



Original Color

59.4360, 0.3653, 0.3187

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4997, 0.3304, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4360, 0.3653, 0.3187 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 194) }
```

Border

The CSS property to change the border of an element to Yxy 59.4360, 0.3653, 0.3187 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, 194) }
```

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

```
.border{ border-color:rgb(255, 184, 194) }
```

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, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4360, 0.3653, 0.3187 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
184, 194) }
```

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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