

Converting Colors

Yxy(59.8727, 0.3624, 0.3162)

Have a look what the booklet for
Yxy(59.8727, 0.3624, 0.3162)
contains.

Yxy(59.9891, 0.3625, 0.3167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.9891, 0.3625, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C5
RGB	255, 185, 197
RGB Percent	100%, 73%, 77%
CMY	0.0000, 0.2745, 0.2276
CMYK	0.00, 0.27, 0.23, 0.00
HSL	350°, 100%, 86%
HSV	350°, 27%, 100%
XYZ	68.6645, 59.9891, 60.7657
YIQ	207.2980, 37.8680, 18.5720

Conversions

Conversions Part 2

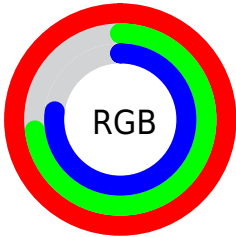
Format	Color
R_{YB}	255, 185, 197
Decimal	16759237
CIE _{Lab}	81.83, 26.95, 4.01
CIE _{LCh}	82, 27.250, 8.469
Yxy	59.9891, 0.3625, 0.3167
Android (android.graphics.Color)	4294949317 (0xFFFFB9C5)
YUV	207.2980, -5.0769, 41.8347
Hunter-Lab	77.4526, 22.7045, 7.7007

Details

The Yxy color **59.9891, 0.3625, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3087, 0.2785, 0.3418**, and the grayscale version is **62.6146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3264, 0.3140, 0.3165**, and **30.0861, 0.3757, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **49.3596, 0.3891, 0.3121**, and if you desaturate by 10%, it is **72.6729, 0.3409, 0.3214**.

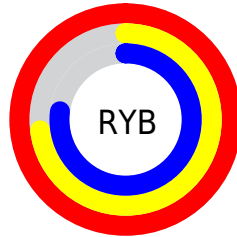
Distribution



Red (100%)

Green (73%)

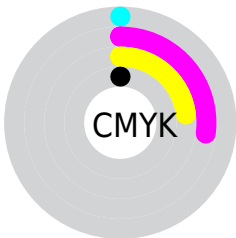
Blue (77%)



Red (100%)

Yellow (73%)

Blue (77%)

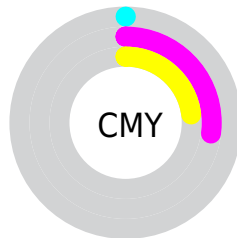


Cyan (0%)

Magenta (27%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.9891, 0.3625, 0.3167 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 59.9891, 0.3625, 0.3167 by changing the saturation by 10% instead.


 59.9891, 0.3625,
0.3167

 59.9891, 0.3625,
0.3167


424.5576, 0.3385,
0.3228

 43.4098, 0.3682,
0.3152


 104.8139, 0.3540,
0.3189

 30.2068, 0.3754,
0.3132


133.8282, 0.3507,
0.3198

 19.9956, 0.3847,
0.3107


167.7562, 0.3480,
0.3205

 12.3919, 0.3972,
0.3071

206.9825, 0.3456,
0.3211

 7.0111, 0.4149,
0.3020

251.8914, 0.3435,
0.3216

 3.4691, 0.4418,
0.2938


302.8673, 0.3416,

 1.3812, 0.4872,


0.3221


0.2790


360.2946, 0.3400,
0.3225

 0.2028, 0.8075,
0.1925


 0.0000, 0.0000,
0.0000


 59.9891, 0.3625,
0.3167


 59.9891, 0.3625,
0.3167

 49.3596, 0.3891,
0.3121


 72.6729, 0.3409,
0.3214

 40.6688, 0.4213,
0.3078

 87.5032, 0.3234,
0.3259

 33.8014, 0.4590,
0.3046

100.0000, 0.3127,
0.3290

 28.6268, 0.5009,
0.3033

■ 24.9967, 0.5439,
0.3046

■ 22.7373, 0.5828,
0.3092

■ 21.6229, 0.6124,
0.3163

■ 21.4387, 0.6184,
0.3180

Harmonies

Analogous

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



59.9891, 0.3305, 0.2918



59.9891, 0.3625, 0.3167



59.9891, 0.3808, 0.3455

Triad

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



59.9891, 0.3625, 0.3167



59.9891, 0.3275, 0.3897



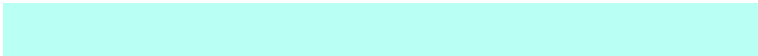
59.9891, 0.2497, 0.2824

Complementary

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



59.9891, 0.3625, 0.3167



88.3087, 0.2785, 0.3418

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.



59.9891, 0.2492, 0.3063



59.9891, 0.3625, 0.3167



59.9891, 0.2928, 0.3710

Square

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



59.9891, 0.3625, 0.3167



59.9891, 0.3595, 0.3892



59.9891, 0.2645, 0.3392



59.9891, 0.2660, 0.2720

Rectangle

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



59.9891, 0.3625, 0.3167



59.9891, 0.3821, 0.3639



59.9891, 0.2645, 0.3392



59.9891, 0.2477, 0.2890

Sweetspot

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



59.9916, 0.3625, 0.3167



86.6260, 0.3243, 0.3256



60.8288, 0.3061, 0.2583



18.0377, 0.3267, 0.3250



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

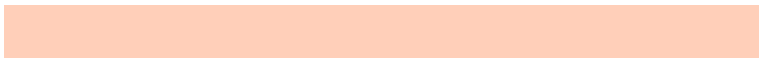
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.9916, 0.3625, 0.3167



53.8418, 0.3766, 0.3141



69.4726, 0.3667, 0.3521



18.0377, 0.3267, 0.3250



11.2169, 0.6152, 0.3163



1.1055, 0.5869, 0.3007

Inverse Universe

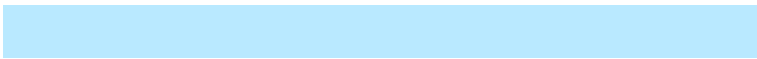
The Inverse Universe completely reimagines the original color for something new.



59.9916, 0.3625, 0.3167



53.8418, 0.3766, 0.3141



75.7205, 0.2702, 0.3046



18.0377, 0.3267, 0.3250



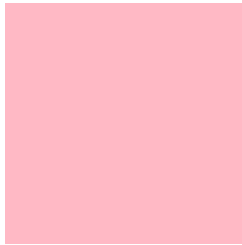
11.2169, 0.6152, 0.3163



1.1055, 0.5869, 0.3007

Previews

White Background



This preview shows how the Yxy color 59.9891, 0.3625, 0.3167 looks on a white background.

Color Contrast Check

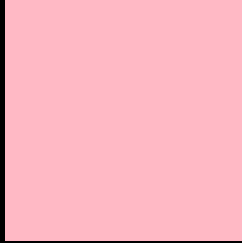
Large Text (above 18pt) WCAG AA × Fail

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 59.9891, 0.3625, 0.3167 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 59.9891, 0.3625, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 59.9891, 0.3625, 0.3167.



This preview shows how white text looks on a background with the Yxy color 59.9891, 0.3625, 0.3167.

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

59.9891, 0.3625, 0.3167

Protanopia

60.3387, 0.3122, 0.3244

Deuteranopia

60.2035, 0.3384, 0.3313



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

59.9891, 0.3625, 0.3167

Protanomaly

59.6389, 0.3299, 0.3212

Deuteranomaly

60.1300, 0.3466, 0.3258

Tritanomaly

60.0351, 0.3616, 0.3156

Monochromacy



Original Color

59.9891, 0.3625, 0.3167

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0059, 0.3296, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9891, 0.3625, 0.3167 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, 185, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 197)  
}
```

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, 185, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 197) }
```

Border

The CSS property to change the border of an element to Yxy 59.9891, 0.3625, 0.3167 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, 185, 197) }
```

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

```
.border{ border-color:rgb(255, 185, 197) }
```

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

Here you see how a box with a 4 pixel rgb(255, 185, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9891, 0.3625, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 197) }
```

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

```
.background{ background-color: rgb(255,  
185, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor