

Converting Colors

Yxy(59.9343, 0.3636, 0.3180)

Have a look what the booklet for
Yxy(59.9343, 0.3636, 0.3180)
contains.

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Color

Yxy(59.9434, 0.3633, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C4
RGB	255, 185, 196
RGB Percent	100%, 73%, 77%
CMY	0.0001, 0.2744, 0.2313
CMYK	0.00, 0.27, 0.23, 0.00
HSL	351°, 100%, 86%
HSV	351°, 27%, 100%
XYZ	68.5472, 59.9434, 60.1887
YIQ	207.1840, 38.1890, 18.2610

Conversions

Conversions Part 2

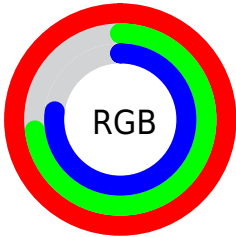
Format	Color
R_{YB}	255, 185, 196
Decimal	16759236
CIE _{Lab}	81.81, 26.80, 4.49
CIE _{LCh}	82, 27.178, 9.516
Yxy	59.9434, 0.3633, 0.3177
Android (android.graphics.Color)	4294949316 (0xFFFFB9C4)
YUV	207.1840, -5.5137, 41.9346
Hunter-Lab	77.4231, 22.5459, 8.1042

Details

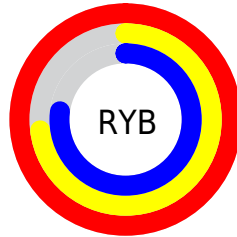
The Yxy color **59.9434, 0.3633, 0.3177** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.3516, 0.2781, 0.3408**, and the grayscale version is **62.5409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2624, 0.3146, 0.3175**, and **30.0559, 0.3769, 0.3145** is the 20% darker color. If you saturate the color by 10%, you get **49.3068, 0.3904, 0.3134**, and if you desaturate by 10%, it is **72.6386, 0.3413, 0.3220**.

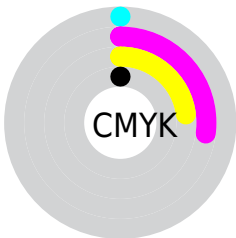
Distribution



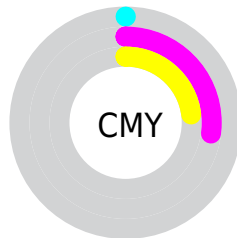
- Red (100%)
- Green (73%)
- Blue (77%)



- 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 59.9434, 0.3633, 0.3177 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 59.9434, 0.3633, 0.3177 by changing the saturation by 10% instead.


 59.9434, 0.3633,
0.3177

 59.9434, 0.3633,
0.3177


424.3891, 0.3389,
0.3234

 43.3730, 0.3691,
0.3163


 104.7476, 0.3546,
0.3198

 30.1779, 0.3764,
0.3145


133.7501, 0.3513,
0.3205

 19.9737, 0.3859,
0.3120


167.6655, 0.3485,
0.3212

 12.3759, 0.3986,
0.3087

206.8782, 0.3461,
0.3218

 7.0002, 0.4167,
0.3038

251.7725, 0.3440,
0.3223

 3.4622, 0.4441,
0.2959


302.7328, 0.3421,

 1.3776, 0.4903,

0.3227

0.2815


360.1435, 0.3404,
0.3231


 0.2001, 0.8085,
0.1915


 0.0000, 0.0000,
0.0000

 59.9434, 0.3633,
0.3177


 59.9434, 0.3633,
0.3177

 49.3068, 0.3904,
0.3134


 72.6386, 0.3413,
0.3220

 40.6124, 0.4231,
0.3096

 87.4844, 0.3236,
0.3261

 33.7448, 0.4615,
0.3067

99.9955, 0.3127,
0.3290

 28.5729, 0.5041,
0.3055

■ 24.9482, 0.5476,
0.3069

■ 22.6963, 0.5865,
0.3113

■ 21.5913, 0.6156,
0.3181

■ 21.4092, 0.6213,
0.3196

Harmonies

Analogous

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



59.9434, 0.3317, 0.2927



59.9434, 0.3633, 0.3177



59.9434, 0.3809, 0.3464

Triad

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



59.9434, 0.3633, 0.3177



59.9434, 0.3262, 0.3892



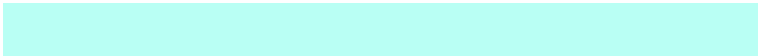
59.9434, 0.2502, 0.2819

Complementary

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



59.9434, 0.3633, 0.3177



88.3516, 0.2781, 0.3408

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.



59.9434, 0.2490, 0.3053



59.9434, 0.3633, 0.3177



59.9434, 0.2917, 0.3699

Square

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



59.9434, 0.3633, 0.3177



59.9434, 0.3584, 0.3894



59.9434, 0.2638, 0.3380



59.9434, 0.2669, 0.2720

Rectangle

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



59.9434, 0.3633, 0.3177



59.9434, 0.3818, 0.3647



59.9434, 0.2638, 0.3380



59.9434, 0.2480, 0.2883

Sweetspot

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



59.9462, 0.3633, 0.3177



86.6095, 0.3245, 0.3259



61.0341, 0.3070, 0.2586



18.0336, 0.3270, 0.3253



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.



59.9462, 0.3633, 0.3177



53.7931, 0.3777, 0.3153



70.0348, 0.3663, 0.3532



18.0336, 0.3270, 0.3253



11.2029, 0.6183, 0.3180



1.1036, 0.5909, 0.3029

Inverse Universe

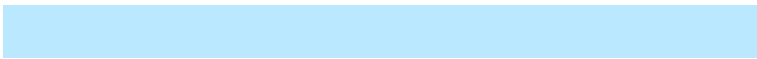
The Inverse Universe completely reimagines the original color for something new.



59.9462, 0.3633, 0.3177



53.7931, 0.3777, 0.3153



75.0546, 0.2701, 0.3033



18.0336, 0.3270, 0.3253



11.2029, 0.6183, 0.3180



1.1036, 0.5909, 0.3029

Previews

White Background



This preview shows how the Yxy color 59.9434, 0.3633, 0.3177 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 59.9434, 0.3633, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

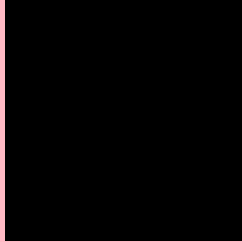
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9434, 0.3633, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 59.9434, 0.3633, 0.3177.

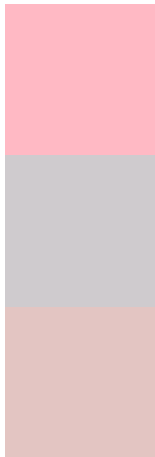


This preview shows how white text looks on a background with the Yxy color 59.9434, 0.3633, 0.3177.

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

59.9434, 0.3633, 0.3177

Protanopia

60.4335, 0.3136, 0.3255

Deuteranopia

60.1584, 0.3392, 0.3324



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

59.9434, 0.3633, 0.3177



Protanomaly

59.5914, 0.3307, 0.3223



Deuteranomaly

60.0846, 0.3474, 0.3269



Tritanomaly

60.0351, 0.3616, 0.3156

Monochromacy



Original Color

59.9434, 0.3633, 0.3177



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 59.9434, 0.3633, 0.3177 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 196)  
}
```

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, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.9434, 0.3633, 0.3177 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, 196) }
```

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

```
.border{ border-color:rgb(255, 185, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9434, 0.3633, 0.3177 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, 196) }
```

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

```
.background{ background-color: rgb(255,  
185, 196) }
```

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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