

Converting Colors

Yxy(59.4939, 0.3612, 0.3132)

Have a look what the booklet for
Yxy(59.4939, 0.3612, 0.3132)
contains.

Yxy(59.6645, 0.3610, 0.3136)	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(59.6645, 0.3610, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8C7
RGB	255, 184, 199
RGB Percent	100%, 72%, 78%
CMY	0.0000, 0.2784, 0.2197
CMYK	0.00, 0.28, 0.22, 0.00
HSL	347°, 100%, 86%
HSV	347°, 28%, 100%
XYZ	68.6827, 59.6645, 61.9095
YIQ	206.9390, 37.5010, 19.7170

Conversions

Conversions Part 2

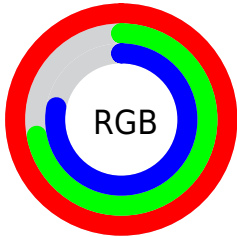
Format	Color
R _Y B	255, 184, 199
Decimal	16758983
CIE Lab	81.66, 27.75, 2.68
CIE LCh	82, 27.883, 5.519
Yxy	59.6645, 0.3610, 0.3136
Android (android.graphics.Color)	4294949063 (0xFFFFB8C7)
YUV	206.9390, -3.9139, 42.1495
Hunter-Lab	77.2428, 23.5435, 6.5495

Details

The Yxy color **59.6645, 0.3610, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9975, 0.2795, 0.3452**, and the grayscale version is **62.3636, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.8799, 0.3737, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **49.1364, 0.3864, 0.3079**, and if you desaturate by 10%, it is **72.2310, 0.3403, 0.3194**.

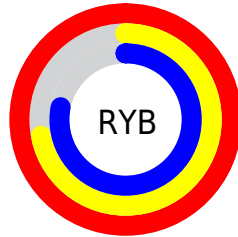
Distribution



Red (100%)

Green (72%)

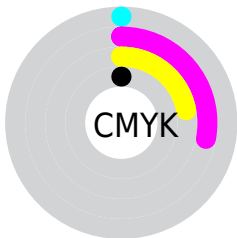
Blue (78%)



Red (100%)

Yellow (72%)

Blue (78%)

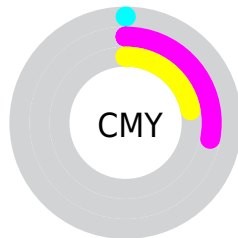


Cyan (0%)

Magenta (28%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6645, 0.3610, 0.3136 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 59.6645, 0.3610, 0.3136 by changing the saturation by 10% instead.


 59.6645, 0.3610,
0.3136

 59.6645, 0.3610,
0.3136


423.3600, 0.3378,
0.3212

 43.1483, 0.3665,
0.3118


 104.3428, 0.3528,
0.3163

 30.0015, 0.3735,
0.3094


133.2737, 0.3496,
0.3173

 19.8397, 0.3825,
0.3064


167.1116, 0.3469,
0.3182

 12.2786, 0.3946,
0.3022

206.2409, 0.3446,
0.3190

 6.9337, 0.4118,
0.2962

251.0460, 0.3426,
0.3196

 3.4207, 0.4379,
0.2869


301.9113, 0.3408,

 1.3551, 0.4818,

0.3202

0.2705


359.2212, 0.3392,
0.3207


 0.1833, 0.8134,
0.1750


 0.0000, 0.0000,
0.0000


 59.6645, 0.3610,
0.3136

 59.6645, 0.3610,
0.3136

 49.1364, 0.3864,
0.3079

 72.2310, 0.3403,
0.3194

 40.5311, 0.4170,
0.3026

 86.9270, 0.3235,
0.3249

 33.7338, 0.4529,
0.2985

99.9976, 0.3127,
0.3290

 28.6144, 0.4929,
0.2966

■ 25.0251, 0.5343,
0.2978

■ 22.7919, 0.5727,
0.3028

■ 21.6839, 0.6032,
0.3110

■ 21.5213, 0.6088,
0.3127

Harmonies

Analogous

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



59.6645, 0.3273, 0.2889



59.6645, 0.3610, 0.3136



59.6645, 0.3815, 0.3429

Triad

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



59.6645, 0.3610, 0.3136



59.6645, 0.3313, 0.3921



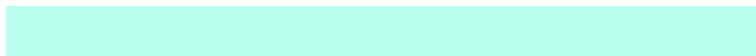
59.6645, 0.2474, 0.2830

Complementary

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



59.6645, 0.3610, 0.3136



87.9975, 0.2795, 0.3452

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.



59.6645, 0.2485, 0.3087



59.6645, 0.3610, 0.3136



59.6645, 0.2956, 0.3748

Square

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



59.6645, 0.3610, 0.3136



59.6645, 0.3633, 0.3896



59.6645, 0.2656, 0.3429



59.6645, 0.2626, 0.2710

Rectangle

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



59.6645, 0.3610, 0.3136



59.6645, 0.3842, 0.3620



59.6645, 0.2656, 0.3429



59.6645, 0.2459, 0.2902

Sweetspot

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



59.6673, 0.3610, 0.3136



86.6738, 0.3238, 0.3248



59.9639, 0.3042, 0.2569



18.0497, 0.3261, 0.3240



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.



59.6673, 0.3610, 0.3136



53.9851, 0.3735, 0.3106



67.9639, 0.3683, 0.3500



18.0497, 0.3261, 0.3240



11.2640, 0.6051, 0.3107



1.1118, 0.5749, 0.2941

Inverse Universe

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



59.6673, 0.3610, 0.3136



53.9851, 0.3735, 0.3106



76.7588, 0.2699, 0.3069



18.0497, 0.3261, 0.3240



11.2640, 0.6051, 0.3107



1.1118, 0.5749, 0.2941

Previews

White Background



This preview shows how the Yxy color 59.6645, 0.3610, 0.3136 looks on a white background.

Color Contrast Check

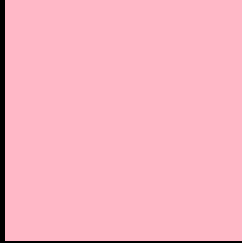
Large Text (above 18pt) WCAG AA × Fail

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 59.6645, 0.3610, 0.3136 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 59.6645, 0.3610, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 59.6645, 0.3610, 0.3136.

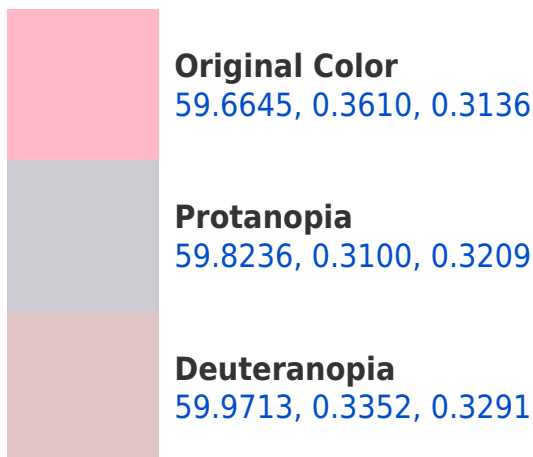


This preview shows how white text looks on a background with the Yxy color 59.6645, 0.3610, 0.3136.

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

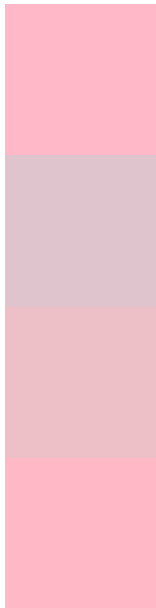




Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.6645, 0.3610, 0.3136

Protanomaly

59.1260, 0.3277, 0.3178

Deuteranomaly

59.6094, 0.3443, 0.3225

Tritanomaly

59.6182, 0.3618, 0.3146

Monochromacy



Original Color

59.6645, 0.3610, 0.3136

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

61.0538, 0.3288, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6645, 0.3610, 0.3136 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 199) }
```

Border

The CSS property to change the border of an element to Yxy 59.6645, 0.3610, 0.3136 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, 199) }
```

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

```
.border{ border-color:rgb(255, 184, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 59.6645, 0.3610, 0.3136 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, 199) }
```

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

```
.background{ background-color: rgb(255,  
184, 199) }
```

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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