

Converting Colors

$Y_{xy}(60.2908, 0.3600, 0.3143)$

Have a look what the booklet for
Yxy(60.2908, 0.3600, 0.3143)
contains.

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Color

Yxy(60.1281, 0.3599, 0.3136)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9C8
RGB	255, 185, 200
RGB Percent	100%, 73%, 78%
CMY	0.0001, 0.2744, 0.2158
CMYK	0.00, 0.27, 0.22, 0.00
HSL	347°, 100%, 86%
HSV	347°, 27%, 100%
XYZ	69.0054, 60.1281, 62.6015
YIQ	207.6400, 36.9050, 19.5050

Conversions

Conversions Part 2

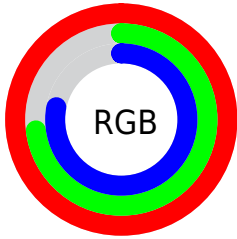
Format	Color
R _Y B	255, 185, 200
Decimal	16759240
CIE Lab	81.91, 27.37, 2.50
CIE LCh	82, 27.483, 5.223
Yxy	60.1281, 0.3599, 0.3136
Android (android.graphics.Color)	4294949320 (0xFFFFB9C8)
YUV	207.6400, -3.7665, 41.5347
Hunter-Lab	77.5423, 23.1493, 6.4136

Details

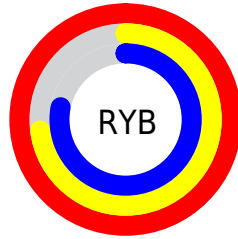
The Yxy color **60.1281, 0.3599, 0.3136** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1123, 0.2800, 0.3451**, and the grayscale version is **62.8390, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3906, 0.3133, 0.3156**, and **30.1782, 0.3722, 0.3092** is the 20% darker color. If you saturate the color by 10%, you get **49.5244, 0.3850, 0.3078**, and if you desaturate by 10%, it is **72.7731, 0.3395, 0.3195**.

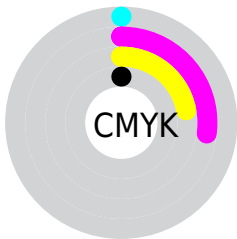
Distribution



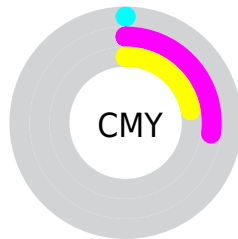
- Red (100%)
- Green (73%)
- Blue (78%)



- Red (100%)
- Yellow (73%)
- Blue (78%)



- Cyan (0%)
- Magenta (27%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1281, 0.3599, 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 60.1281, 0.3599, 0.3136 by changing the saturation by 10% instead.


 60.1281, 0.3599,
0.3136

 60.1281, 0.3599,
0.3136


425.0698, 0.3372,
0.3211

 43.5219, 0.3653,
0.3118


 105.0155, 0.3519,
0.3163

 30.2948, 0.3721,
0.3095


134.0654, 0.3488,
0.3173

 20.0625, 0.3808,
0.3064


168.0321, 0.3462,
0.3182

 12.4405, 0.3926,
0.3023

207.2998, 0.3439,
0.3189

 7.0444, 0.4093,
0.2964

252.2531, 0.3419,
0.3196

 3.4899, 0.4345,
0.2873

303.2762, 0.3402,

 1.3925, 0.4770,

0.3202

0.2713

360.7537, 0.3386,
0.3207

0.2112, 0.7655,
0.1860

0.0000, 0.0000,
0.0000

60.1281, 0.3599,
0.3136

60.1281, 0.3599,
0.3136

49.5244, 0.3850,
0.3078

72.7731, 0.3395,
0.3195

40.8468, 0.4153,
0.3024

87.5502, 0.3229,
0.3251

33.9811, 0.4508,
0.2982

99.9951, 0.3127,
0.3290

28.7977, 0.4905,
0.2961

■ 25.1499, 0.5318,
0.2971

■ 22.8651, 0.5703,
0.3020

■ 21.7199, 0.6013,
0.3101

■ 21.5265, 0.6079,
0.3123

Harmonies

Analogous

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



60.1281, 0.3267, 0.2893



60.1281, 0.3599, 0.3136



60.1281, 0.3802, 0.3424

Triad

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



60.1281, 0.3599, 0.3136



60.1281, 0.3314, 0.3911



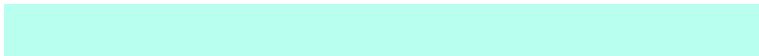
60.1281, 0.2484, 0.2840

Complementary

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



60.1281, 0.3599, 0.3136



88.1123, 0.2800, 0.3451

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.



60.1281, 0.2496, 0.3094



60.1281, 0.3599, 0.3136



60.1281, 0.2962, 0.3742

Square

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



60.1281, 0.3599, 0.3136



60.1281, 0.3627, 0.3885



60.1281, 0.2666, 0.3430



60.1281, 0.2632, 0.2720

Rectangle

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



60.1281, 0.3599, 0.3136



60.1281, 0.3831, 0.3612



60.1281, 0.2666, 0.3430



60.1281, 0.2470, 0.2911

Sweetspot

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



60.1309, 0.3599, 0.3136



86.6777, 0.3238, 0.3248



60.4181, 0.3043, 0.2580



18.0506, 0.3260, 0.3239



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.



60.1309, 0.3599, 0.3136



53.9968, 0.3732, 0.3103



68.3452, 0.3673, 0.3497



18.0506, 0.3260, 0.3239



11.2683, 0.6042, 0.3102



1.1124, 0.5739, 0.2935

Inverse Universe

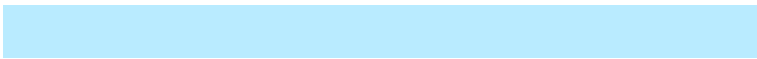
The Inverse Universe completely reimagines the original color for something new.



60.1309, 0.3599, 0.3136



53.9968, 0.3732, 0.3103



77.0400, 0.2705, 0.3073



18.0506, 0.3260, 0.3239



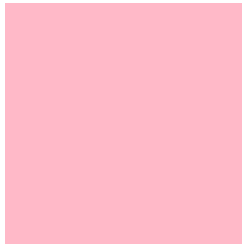
11.2683, 0.6042, 0.3102



1.1124, 0.5739, 0.2935

Previews

White Background



This preview shows how the Yxy color 60.1281, 0.3599, 0.3136 looks on a white background.

Color Contrast Check

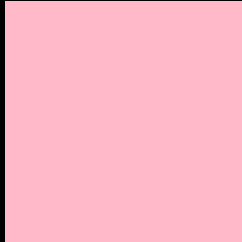
Large Text (above 18pt) WCAG AA × Fail

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 60.1281, 0.3599, 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 60.1281, 0.3599, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 60.1281, 0.3599, 0.3136.



This preview shows how white text looks on a background with the Yxy color 60.1281, 0.3599, 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



Original Color

60.1281, 0.3599, 0.3136

Protanopia

60.4868, 0.3100, 0.3209

Deuteranopia

60.1785, 0.3353, 0.3279



Tritanopia

60.0814, 0.3608, 0.3146

Trichromacy



Original Color

60.1281, 0.3599, 0.3136

Protanomaly

59.7834, 0.3276, 0.3178

Deuteranomaly

60.2680, 0.3441, 0.3226

Tritanomaly

60.0814, 0.3608, 0.3146

Monochromacy



Original Color

60.1281, 0.3599, 0.3136

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

61.7239, 0.3287, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1281, 0.3599, 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, 185, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 200) }
```

Border

The CSS property to change the border of an element to Yxy 60.1281, 0.3599, 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, 185, 200) }
```

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

```
.border{ border-color:rgb(255, 185, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1281, 0.3599, 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, 185, 200) }
```

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

```
.background{ background-color: rgb(255,  
185, 200) }
```

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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