

Converting Colors

Yxy(59.1598, 0.3642, 0.3163)

Have a look what the booklet for
Yxy(59.1598, 0.3642, 0.3163)
contains.

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Color

Yxy(59.1125, 0.3638, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	FFB7C4
RGB	255, 183, 196
RGB Percent	100%, 72%, 77%
CMY	0.0000, 0.2823, 0.2313
CMYK	0.00, 0.28, 0.23, 0.00
HSL	349°, 100%, 86%
HSV	349°, 28%, 100%
XYZ	68.1405, 59.1125, 60.0490
YIQ	206.0100, 38.7390, 19.3070

Conversions

Conversions Part 2

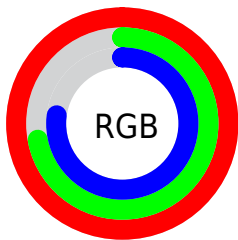
Format	Color
R _Y B	255, 183, 196
Decimal	16758724
CIE Lab	81.35, 27.87, 3.84
CIE LCh	81, 28.135, 7.839
Yxy	59.1125, 0.3638, 0.3156
Android (android.graphics.Color)	4294948804 (0xFFFFB7C4)
YUV	206.0100, -4.9349, 42.9642
Hunter-Lab	76.8847, 23.6508, 7.5122

Details

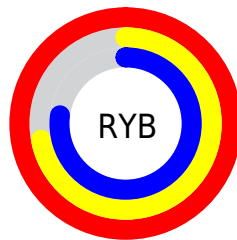
The Yxy color **59.1125, 0.3638, 0.3156** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.9977, 0.2780, 0.3430**, and the grayscale version is **61.7423, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0849, 0.3147, 0.3155**, and **29.5238, 0.3776, 0.3118** is the 20% darker color. If you saturate the color by 10%, you get **48.6438, 0.3905, 0.3107**, and if you desaturate by 10%, it is **71.6214, 0.3421, 0.3206**.

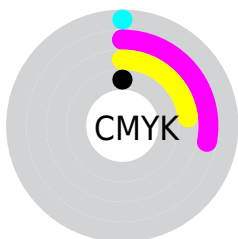
Distribution



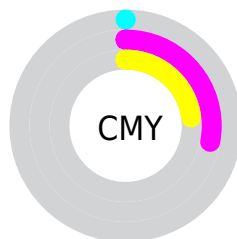
- Red (100%)
- Green (72%)
- Blue (77%)



- Red (100%)
- Yellow (72%)
- Blue (77%)



- Cyan (0%)
- Magenta (28%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.1125, 0.3638, 0.3156 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 59.1125, 0.3638, 0.3156 by changing the saturation by 10% instead.

 59.1125, 0.3638,
0.3156

 59.1125, 0.3638,
0.3156


421.3187, 0.3392,
0.3223

 42.7037, 0.3697,
0.3139

 103.5412, 0.3550,
0.3180

 29.6527, 0.3771,
0.3118


132.3298, 0.3517,
0.3189

 19.5751, 0.3867,
0.3090


166.0138, 0.3488,
0.3197

 12.0866, 0.3997,
0.3052

204.9776, 0.3464,
0.3204

 6.8027, 0.4181,
0.2996

249.6056, 0.3442,
0.3209

 3.3390, 0.4461,
0.2907


300.2822, 0.3423,

 1.3112, 0.4935,


0.3214


0.2747


357.3918, 0.3407,
0.3219


 0.1498, 0.8460,
0.1540


 0.0000, 0.0000,
0.0000


 59.1125, 0.3638,
0.3156


 59.1125, 0.3638,
0.3156

 48.6438, 0.3905,
0.3107

 71.6214, 0.3421,
0.3206

 40.1036, 0.4227,
0.3063

 86.2675, 0.3246,
0.3253

 33.3744, 0.4603,
0.3030

100.0000, 0.3127,
0.3290

 28.3248, 0.5019,
0.3017

■ 24.8051, 0.5445,
0.3032

■ 22.6392, 0.5828,
0.3081

■ 21.5860, 0.6120,
0.3156

■ 21.4579, 0.6162,
0.3168

Harmonies

Analogous

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



59.1125, 0.3303, 0.2901



59.1125, 0.3638, 0.3156



59.1125, 0.3832, 0.3453

Triad

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



59.1125, 0.3638, 0.3156



59.1125, 0.3287, 0.3923



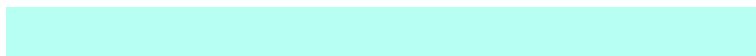
59.1125, 0.2473, 0.2810

Complementary

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



59.1125, 0.3638, 0.3156



87.9977, 0.2780, 0.3430

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.



59.1125, 0.2471, 0.3060



59.1125, 0.3638, 0.3156



59.1125, 0.2927, 0.3732

Square

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



59.1125, 0.3638, 0.3156



59.1125, 0.3617, 0.3912



59.1125, 0.2632, 0.3403



59.1125, 0.2638, 0.2700

Rectangle

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



59.1125, 0.3638, 0.3156



59.1125, 0.3848, 0.3644



59.1125, 0.2632, 0.3403



59.1125, 0.2454, 0.2879

Sweetspot

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



59.1136, 0.3638, 0.3156



86.6378, 0.3242, 0.3254



59.9295, 0.3059, 0.2563



18.0407, 0.3266, 0.3247



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.



59.1136, 0.3638, 0.3156



52.8354, 0.3785, 0.3127



68.7258, 0.3686, 0.3528



18.0407, 0.3266, 0.3247



11.2275, 0.6129, 0.3150



1.1070, 0.5841, 0.2991

Inverse Universe

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



59.1136, 0.3638, 0.3156



52.8354, 0.3785, 0.3127



75.1136, 0.2690, 0.3038



18.0407, 0.3266, 0.3247



11.2275, 0.6129, 0.3150



1.1070, 0.5841, 0.2991

Previews

White Background



This preview shows how the Yxy color 59.1125, 0.3638, 0.3156 looks on a white background.

Color Contrast Check

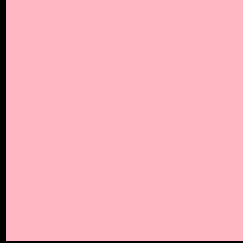
Large Text (above 18pt) WCAG AA × Fail

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 59.1125, 0.3638, 0.3156 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 59.1125, 0.3638, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 59.1125, 0.3638, 0.3156.



This preview shows how white text looks on a background with the Yxy color 59.1125, 0.3638, 0.3156.

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

59.1125, 0.3638, 0.3156

Protanopia

59.2574, 0.3115, 0.3220

Deuteranopia

59.3824, 0.3377, 0.3313



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.1125, 0.3638, 0.3156



Protanomaly

58.5833, 0.3293, 0.3189



Deuteranomaly

59.0346, 0.3469, 0.3247



Tritanomaly

59.1582, 0.3629, 0.3146

Monochromacy



Original Color

59.1125, 0.3638, 0.3156



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 59.1125, 0.3638, 0.3156 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, 183, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 183, 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, 183, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 183, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.1125, 0.3638, 0.3156 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, 183, 196) }
```

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

```
.border{ border-color:rgb(255, 183, 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, 183, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 183, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 183, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 183,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.1125, 0.3638, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 183, 196) }
```

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

```
.background{ background-color: rgb(255,  
183, 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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