

Converting Colors

Yxy(59.3514, 0.3639, 0.3165)

Have a look what the booklet for
Yxy(59.3514, 0.3639, 0.3165)
contains.

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Color

Yxy(59.5265, 0.3636, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8C4
RGB	255, 184, 196
RGB Percent	100%, 72%, 77%
CMY	0.0000, 0.2784, 0.2315
CMYK	0.00, 0.28, 0.23, 0.00
HSL	350°, 100%, 86%
HSV	350°, 28%, 100%
XYZ	68.3418, 59.5265, 60.0904
YIQ	206.5970, 38.4640, 18.7840

Conversions

Conversions Part 2

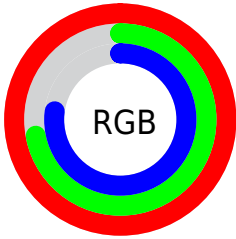
Format	Color
R _Y B	255, 184, 196
Decimal	16758980
CIE Lab	81.58, 27.34, 4.19
CIE LCh	82, 27.655, 8.716
Yxy	59.5265, 0.3636, 0.3167
Android (android.graphics.Color)	4294949060 (0xFFFFB8C4)
YUV	206.5970, -5.2243, 42.4494
Hunter-Lab	77.1534, 23.0951, 7.8298

Details

The Yxy color **59.5265, 0.3636, 0.3167** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.1852, 0.2780, 0.3418**, and the grayscale version is **62.1398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6720, 0.3146, 0.3165**, and **29.7886, 0.3773, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **48.9734, 0.3905, 0.3121**, and if you desaturate by 10%, it is **72.1297, 0.3417, 0.3213**.

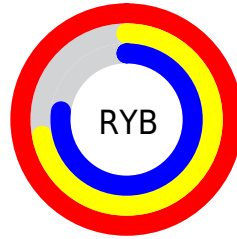
Distribution



Red (100%)

Green (72%)

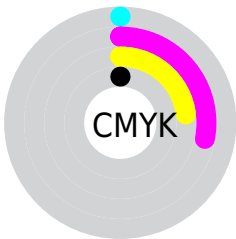
Blue (77%)



Red (100%)

Yellow (72%)

Blue (77%)

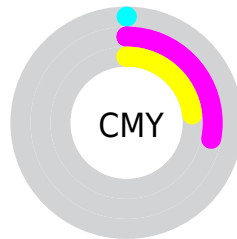


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5265, 0.3636, 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 59.5265, 0.3636, 0.3167 by changing the saturation by 10% instead.


 59.5265, 0.3636,
0.3167

 59.5265, 0.3636,
0.3167


422.8503, 0.3391,
0.3229

 43.0371, 0.3695,
0.3152


 104.1425, 0.3549,
0.3189

 29.9142, 0.3768,
0.3132


133.0379, 0.3516,
0.3198

 19.7735, 0.3864,
0.3106


166.8373, 0.3487,
0.3205

 12.2305, 0.3992,
0.3070

205.9253, 0.3463,
0.3211

 6.9009, 0.4175,
0.3018

250.6862, 0.3441,
0.3216

 3.4002, 0.4452,
0.2934

301.5044, 0.3422,


 1.3441, 0.4921,


0.3221

0.2782

358.7643, 0.3406,
0.3225

 0.1749, 0.8265,
0.1735


 0.0000, 0.0000,
0.0000


 59.5265, 0.3636,
0.3167


 59.5265, 0.3636,
0.3167

 48.9734, 0.3905,
0.3121


 72.1297, 0.3417,
0.3213

 40.3558, 0.4230,
0.3080

 86.8769, 0.3241,
0.3257

 33.5573, 0.4610,
0.3049

100.0000, 0.3127,
0.3290

 28.4468, 0.5032,
0.3037

■ 24.8750, 0.5462,
0.3052

■ 22.6668, 0.5849,
0.3098

■ 21.5891, 0.6140,
0.3169

■ 21.4340, 0.6190,
0.3183

Harmonies

Analogous

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



59.5265, 0.3311, 0.2914



59.5265, 0.3636, 0.3167



59.5265, 0.3820, 0.3459

Triad

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



59.5265, 0.3636, 0.3167



59.5265, 0.3274, 0.3907



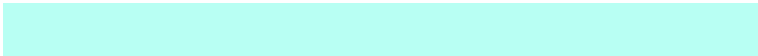
59.5265, 0.2488, 0.2814

Complementary

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



59.5265, 0.3636, 0.3167



88.1852, 0.2780, 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.



59.5265, 0.2480, 0.3056



59.5265, 0.3636, 0.3167



59.5265, 0.2921, 0.3715

Square

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



59.5265, 0.3636, 0.3167



59.5265, 0.3600, 0.3903



59.5265, 0.2634, 0.3391



59.5265, 0.2654, 0.2710

Rectangle

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



59.5265, 0.3636, 0.3167



59.5265, 0.3833, 0.3646



59.5265, 0.2634, 0.3391



59.5265, 0.2467, 0.2881

Sweetspot

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



59.5286, 0.3636, 0.3167



86.6230, 0.3243, 0.3257



60.3793, 0.3060, 0.2573



18.0370, 0.3268, 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.



59.5286, 0.3636, 0.3167



53.8329, 0.3768, 0.3143



69.0997, 0.3676, 0.3524



18.0370, 0.3268, 0.3250



11.2142, 0.6158, 0.3166



1.1052, 0.5877, 0.3011

Inverse Universe

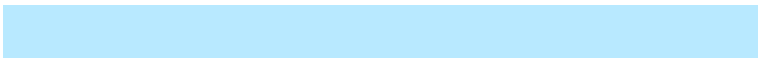
The Inverse Universe completely reimagines the original color for something new.



59.5286, 0.3636, 0.3167



53.8329, 0.3768, 0.3143



75.4176, 0.2696, 0.3042



18.0370, 0.3268, 0.3250



11.2142, 0.6158, 0.3166



1.1052, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 59.5265, 0.3636, 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 59.5265, 0.3636, 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 59.5265, 0.3636, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 59.5265, 0.3636, 0.3167.



This preview shows how white text looks on a background with the Yxy color 59.5265, 0.3636, 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

59.5265, 0.3636, 0.3167

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

59.5436, 0.3386, 0.3313



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.5265, 0.3636, 0.3167

Protanomaly

59.1418, 0.3308, 0.3212

Deuteranomaly

59.6439, 0.3476, 0.3258

Tritanomaly

59.5722, 0.3627, 0.3156

Monochromacy



Original Color

59.5265, 0.3636, 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 59.5265, 0.3636, 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, 184, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 196) }
```

Border

The CSS property to change the border of an element to Yxy 59.5265, 0.3636, 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, 184, 196) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5265, 0.3636, 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, 184, 196) }
```

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

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