

Converting Colors

Yxy(57.8690, 0.3631, 0.3105)

Have a look what the booklet for
Yxy(57.8690, 0.3631, 0.3105)
contains.

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Color

Yxy(57.9797, 0.3627, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4C6
RGB	255, 180, 198
RGB Percent	100%, 71%, 78%
CMY	0.0001, 0.2941, 0.2234
CMYK	0.00, 0.29, 0.22, 0.00
HSL	346°, 100%, 85%
HSV	346°, 29%, 100%
XYZ	67.7488, 57.9797, 61.0617
YIQ	204.4770, 38.9220, 21.4980

Conversions

Conversions Part 2

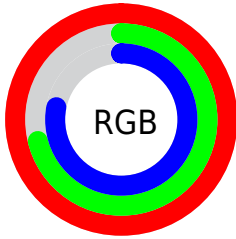
Format	Color
R _Y B	255, 180, 198
Decimal	16757958
CIE Lab	80.73, 29.71, 1.84
CIE LCh	81, 29.768, 3.547
Yxy	57.9797, 0.3627, 0.3104
Android (android.graphics.Color)	4294948038 (0xFFFFB4C6)
YUV	204.4770, -3.1932, 44.3087
Hunter-Lab	76.1444, 25.5661, 5.7552

Details

The Yxy color **57.9797, 0.3627, 0.3104** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.3197, 0.2789, 0.3487**, and the grayscale version is **60.7052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4709, 0.3136, 0.3107**, and **28.8056, 0.3763, 0.3051** is the 20% darker color. If you saturate the color by 10%, you get **47.7785, 0.3878, 0.3039**, and if you desaturate by 10%, it is **70.1941, 0.3421, 0.3170**.

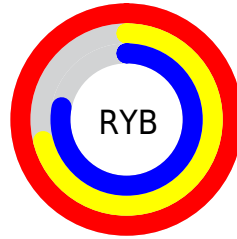
Distribution



Red (100%)

Green (71%)

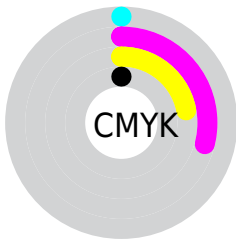
Blue (78%)



Red (100%)

Yellow (71%)

Blue (78%)

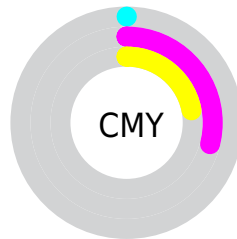


Cyan (0%)

Magenta (29%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9797, 0.3627, 0.3104 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 57.9797, 0.3627, 0.3104 by changing the saturation by 10% instead.


 57.9797, 0.3627,
0.3104

 57.9797, 0.3627,
0.3104

417.1103, 0.3386,
0.3195

 41.7923, 0.3685,
0.3082


 101.8933, 0.3541,
0.3137

 28.9387, 0.3758,
0.3054


130.3883, 0.3508,
0.3149

 19.0345, 0.3852,
0.3018


163.7547, 0.3480,
0.3159

 11.6952, 0.3979,
0.2968

202.3767, 0.3456,
0.3169

 6.5365, 0.4160,
0.2897

246.6390, 0.3435,
0.3176

 3.1740, 0.4437,
0.2786


296.9257, 0.3417,

 1.2232, 0.4907,


0.3183


0.2594

353.6213, 0.3400,
0.3190


 0.0805, 0.9087,
0.0913

 0.0000, 0.0000,
0.0000


 57.9797, 0.3627,
0.3104


 57.9797, 0.3627,
0.3104

 47.7785, 0.3878,
0.3039


 70.1941, 0.3421,
0.3170

 39.4742, 0.4179,
0.2980

 84.5136, 0.3255,
0.3234

 32.9509, 0.4530,
0.2935

99.9947, 0.3127,
0.3290

 28.0767, 0.4919,
0.2915

■ 24.7013, 0.5319,
0.2930

■ 22.6463, 0.5689,
0.2987

■ 21.6406, 0.5989,
0.3076

■ 21.5945, 0.6005,
0.3082

Harmonies

Analogous

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



57.9797, 0.3257, 0.2845



57.9797, 0.3627, 0.3104



57.9797, 0.3861, 0.3416

Triad

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



57.9797, 0.3627, 0.3104



57.9797, 0.3351, 0.3978



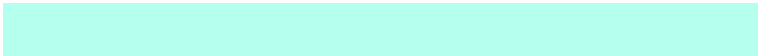
57.9797, 0.2422, 0.2808

Complementary

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



57.9797, 0.3627, 0.3104



87.3197, 0.2789, 0.3487

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.



57.9797, 0.2445, 0.3092



57.9797, 0.3627, 0.3104



57.9797, 0.2966, 0.3804

Square

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



57.9797, 0.3627, 0.3104



57.9797, 0.3689, 0.3933



57.9797, 0.2638, 0.3464



57.9797, 0.2573, 0.2671

Rectangle

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



57.9797, 0.3627, 0.3104



57.9797, 0.3900, 0.3622



57.9797, 0.2638, 0.3464



57.9797, 0.2410, 0.2888

Sweetspot

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



57.9824, 0.3627, 0.3104



85.1488, 0.3249, 0.3236



57.7403, 0.3017, 0.2523



17.7477, 0.3271, 0.3227



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.



57.9824, 0.3627, 0.3104



52.0378, 0.3762, 0.3067



65.2851, 0.3730, 0.3487



18.0586, 0.3256, 0.3233



11.3057, 0.5966, 0.3060



1.1170, 0.5653, 0.2888

Inverse Universe

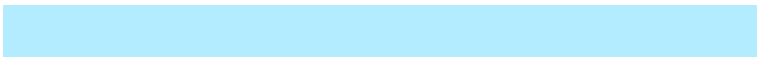
The Inverse Universe completely reimagines the original color for something new.



57.9824, 0.3627, 0.3104



52.0378, 0.3762, 0.3067



77.0488, 0.2678, 0.3083



18.0586, 0.3256, 0.3233



11.3057, 0.5966, 0.3060



1.1170, 0.5653, 0.2888

Previews

White Background



This preview shows how the Yxy color 57.9797, 0.3627, 0.3104 looks on a white background.

Color Contrast Check

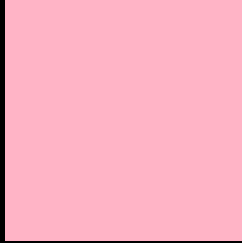
Large Text (above 18pt) WCAG AA × Fail

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 57.9797, 0.3627, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

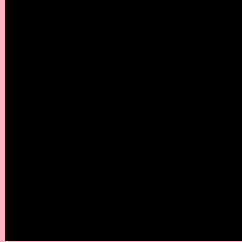
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9797, 0.3627, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 57.9797, 0.3627, 0.3104.



This preview shows how white text looks on a background with the Yxy color 57.9797, 0.3627, 0.3104.

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

57.9797, 0.3627, 0.3104

Protanopia

58.4686, 0.3078, 0.3184

Deuteranopia

58.0533, 0.3348, 0.3279



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

57.9797, 0.3627, 0.3104



Protanomaly

57.9199, 0.3263, 0.3155



Deuteranomaly

57.8731, 0.3448, 0.3214



Tritanomaly

58.2479, 0.3651, 0.3146

Monochromacy



Original Color

57.9797, 0.3627, 0.3104



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.9825, 0.3300, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9797, 0.3627, 0.3104 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, 180, 198)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 198)  
}
```

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, 180, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 198) }
```

Border

The CSS property to change the border of an element to Yxy 57.9797, 0.3627, 0.3104 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, 180, 198) }
```

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

```
.border{ border-color:rgb(255, 180, 198) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(255, 180, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 198);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9797, 0.3627, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 198) }
```

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

```
.background{ background-color: rgb(255,  
180, 198) }
```

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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