

Converting Colors

$Y_{xy}(57.9271, 0.3376, 0.2762)$

Have a look what the booklet for
Yxy(57.9271, 0.3376, 0.2762)
contains.

Yxy(57.9121, 0.3378, 0.2764)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.9121, 0.3378, 0.2764)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0E4
RGB	255, 176, 228
RGB Percent	100%, 69%, 89%
CMY	0.0000, 0.3098, 0.1059
CMYK	0.00, 0.31, 0.11, 0.00
HSL	321°, 100%, 85%
HSV	321°, 31%, 100%
XYZ	70.7768, 57.9121, 80.8339
YIQ	205.5490, 30.3920, 32.9200

Conversions

Conversions Part 2

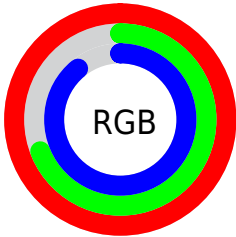
Format	Color
R_{YB}	255, 176, 228
Decimal	16756964
CIE _{Lab}	80.69, 36.43, -14.39
CIE _{LCh}	81, 39.169, 338.448
Yxy	57.9121, 0.3378, 0.2764
Android (android.graphics.Color)	4294947044 (0xFFFFB0E4)
YUV	205.5490, 11.0683, 43.3685
Hunter-Lab	76.1000, 32.8389, -9.7082

Details

The Yxy color **57.9121, 0.3378, 0.2764** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.0612, 0.2942, 0.3884**, and the grayscale version is **61.3262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.8065, 0.3429, 0.2632** is the 20% darker color. If you saturate the color by 10%, you get **48.3582, 0.3488, 0.2593**, and if you desaturate by 10%, it is **69.3597, 0.3283, 0.2938**.

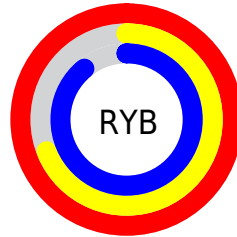
Distribution



Red (100%)

Green (69%)

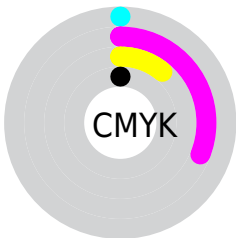
Blue (89%)



Red (100%)

Yellow (69%)

Blue (89%)

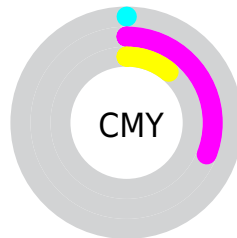


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9121, 0.3378, 0.2764 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 57.9121, 0.3378, 0.2764 by changing the saturation by 10% instead.

 57.9121, 0.3378,
0.2764

 57.9121, 0.3378,
0.2764

416.8583, 0.3263,
0.3006

 41.7380, 0.3404,
0.2709


 101.7948, 0.3338,
0.2847

 28.8962, 0.3436,
0.2642


130.2723, 0.3323,
0.2880

 19.0023, 0.3477,
0.2557


163.6196, 0.3309,
0.2908

 11.6719, 0.3529,
0.2447

202.2212, 0.3298,
0.2933

 6.5207, 0.3600,
0.2299

246.4615, 0.3287,
0.2954

 3.1642, 0.3700,
0.2090


296.7248, 0.3278,


 1.2181, 0.3852,


0.2973


0.1775


353.3956, 0.3270,
0.2990

 0.0764, 0.4525,
0.0357


 0.0000, 0.0000,
0.0000


 57.9121, 0.3378,
0.2764


 57.9121, 0.3378,
0.2764

 48.3582, 0.3488,
0.2593


 69.3597, 0.3283,
0.2938

 40.6053, 0.3612,
0.2433

 82.8117, 0.3202,
0.3110

 34.5330, 0.3750,
0.2296

 98.3545, 0.3133,
0.3274

 30.0113, 0.3897,
0.2193

100.0000, 0.3127,
0.3290

■ 26.8912, 0.4050,
0.2135

■ 24.9938, 0.4201,
0.2128

■ 24.0799, 0.4334,
0.2161

Harmonies

Analogous

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



57.9121, 0.2865, 0.2542



57.9121, 0.3378, 0.2764



57.9121, 0.3853, 0.3105

Triad

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



57.9121, 0.3378, 0.2764



57.9121, 0.3792, 0.4160



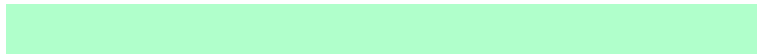
57.9121, 0.2226, 0.2946

Complementary

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



57.9121, 0.3378, 0.2764



85.0612, 0.2942, 0.3884

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.



57.9121, 0.2433, 0.3431



57.9121, 0.3378, 0.2764



57.9121, 0.3327, 0.4193

Square

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



57.9121, 0.3378, 0.2764



57.9121, 0.4092, 0.3888



57.9121, 0.2830, 0.3917



57.9121, 0.2236, 0.2614

Rectangle

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



57.9121, 0.3378, 0.2764



57.9121, 0.4063, 0.3368



57.9121, 0.2830, 0.3917



57.9121, 0.2271, 0.3095

Sweetspot

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



57.9077, 0.3378, 0.2764



85.7262, 0.3187, 0.3143



50.8695, 0.2759, 0.2419



17.8897, 0.3198, 0.3119



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.



57.9077, 0.3378, 0.2764



51.9412, 0.3442, 0.2660



55.9882, 0.3716, 0.3154



18.1886, 0.3191, 0.3135



12.6114, 0.4310, 0.2148



1.2484, 0.4152, 0.2061

Inverse Universe

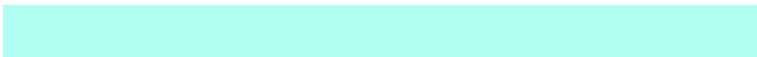
The Inverse Universe completely reimagines the original color for something new.



57.9077, 0.3378, 0.2764



51.9412, 0.3442, 0.2660



87.1498, 0.2744, 0.3433



18.1886, 0.3191, 0.3135



12.6114, 0.4310, 0.2148



1.2484, 0.4152, 0.2061

Previews

White Background



This preview shows how the Yxy color 57.9121, 0.3378, 0.2764 looks on a white background.

Color Contrast Check

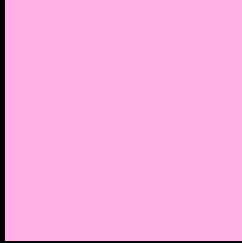
Large Text (above 18pt) WCAG AA × Fail

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 57.9121, 0.3378, 0.2764 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

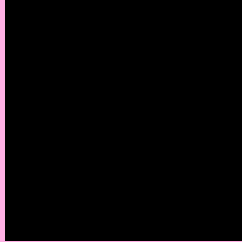
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.9121, 0.3378, 0.2764

Background



This preview shows how black text looks on a background with the Yxy color 57.9121, 0.3378, 0.2764.



This preview shows how white text looks on a background with the Yxy color 57.9121, 0.3378, 0.2764.

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

57.9121, 0.3378, 0.2764

Protanopia

58.3943, 0.2773, 0.2788

Deuteranopia

57.9673, 0.3026, 0.2960



Tritanopia

57.9506, 0.3606, 0.3144

Trichromacy



Original Color

57.9121, 0.3378, 0.2764



Protanomaly

57.7308, 0.2967, 0.2772



Deuteranomaly

57.5714, 0.3154, 0.2885



Tritanomaly

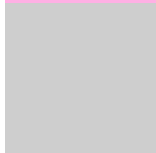
57.8920, 0.3515, 0.2999

Monochromacy



Original Color

57.9121, 0.3378, 0.2764



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.7325, 0.3216, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9121, 0.3378, 0.2764 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, 176, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 228)  
}
```

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, 176, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.9121, 0.3378, 0.2764 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, 176, 228) }
```

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

```
.border{ border-color:rgb(255, 176, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9121, 0.3378, 0.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 228) }
```

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

```
.background{ background-color: rgb(255,  
176, 228) }
```

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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