

Converting Colors

Yxy(57.1831, 0.3484, 0.2885)

Have a look what the booklet for
Yxy(57.1831, 0.3484, 0.2885)
contains.

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Color

Yxy(57.2170, 0.3487, 0.2891)

Conversions

Conversions Part 1

Format	Color
Hex	FFB0D7
RGB	255, 176, 215
RGB Percent	100%, 69%, 84%
CMY	0.0002, 0.3097, 0.1569
CMYK	0.00, 0.31, 0.16, 0.00
HSL	330°, 100%, 85%
HSV	330°, 31%, 100%
XYZ	69.0127, 57.2170, 71.6845
YIQ	204.0670, 34.5650, 28.8770

Conversions

Conversions Part 2

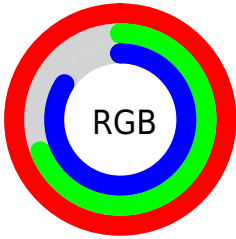
Format	Color
R _Y B	255, 176, 215
Decimal	16756951
CIE Lab	80.30, 34.31, -7.95
CIE LCh	80, 35.217, 346.952
Yxy	57.2170, 0.3487, 0.2891
Android (android.graphics.Color)	4294947031 (0xFFFFB0D7)
YUV	204.0670, 5.3900, 44.6682
Hunter-Lab	75.6419, 30.4830, -3.2388

Details

The Yxy color **57.2170, 0.3487, 0.2891** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.6740, 0.2875, 0.3729**, and the grayscale version is **60.3778, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **28.3274, 0.3580, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **47.5031, 0.3652, 0.2759**, and if you desaturate by 10%, it is **68.8659, 0.3348, 0.3025**.

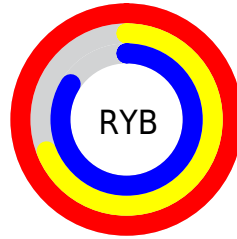
Distribution



Red (100%)

Green (69%)

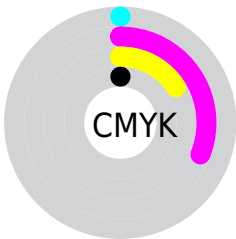
Blue (84%)



Red (100%)

Yellow (69%)

Blue (84%)

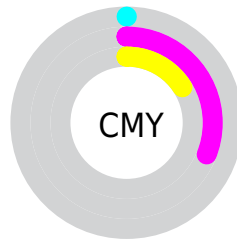


Cyan (0%)

Magenta (31%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2170, 0.3487, 0.2891 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 57.2170, 0.3487, 0.2891 by changing the saturation by 10% instead.

 57.2170, 0.3487,
0.2891

 57.2170, 0.3487,
0.2891

414.2619, 0.3316,
0.3078

 41.1795, 0.3527,
0.2848

 100.7817, 0.3427,
0.2956

 28.4594, 0.3577,
0.2795


129.0778, 0.3404,
0.2981

 18.6722, 0.3641,
0.2727


162.2288, 0.3384,
0.3003

 11.4337, 0.3727,
0.2637

200.6191, 0.3367,
0.3022

 6.3593, 0.3846,
0.2514

244.6332, 0.3352,
0.3038

 3.0648, 0.4024,
0.2336


294.6554, 0.3339,

 1.1656, 0.4315,


0.3053


0.2054


351.0702, 0.3327,
0.3066


 0.0334, 0.5816,
0.0223

 0.0000, 0.0000,
0.0000

 57.2170, 0.3487,
0.2891


 57.2170, 0.3487,
0.2891

 47.5031, 0.3652,
0.2759


 68.8659, 0.3348,
0.3025

 39.6097, 0.3845,
0.2637

 82.5402, 0.3231,
0.3155

 33.4226, 0.4065,
0.2535

 98.3340, 0.3135,
0.3279

 28.8111, 0.4306,
0.2466

99.9887, 0.3127,
0.3290

■ 25.6252, 0.4559,
0.2442

■ 23.6855, 0.4811,
0.2473

■ 22.7508, 0.5029,
0.2544

Harmonies

Analogous

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



57.2170, 0.3018, 0.2651



57.2170, 0.3487, 0.2891



57.2170, 0.3874, 0.3226

Triad

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



57.2170, 0.3487, 0.2891



57.2170, 0.3624, 0.4110



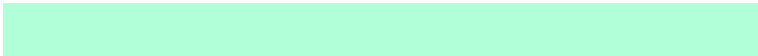
57.2170, 0.2289, 0.2880

Complementary

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



57.2170, 0.3487, 0.2891



85.6740, 0.2875, 0.3729

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.



57.2170, 0.2425, 0.3288



57.2170, 0.3487, 0.2891



57.2170, 0.3182, 0.4056

Square

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



57.2170, 0.3487, 0.2891



57.2170, 0.3946, 0.3922



57.2170, 0.2744, 0.3740



57.2170, 0.2354, 0.2625

Rectangle

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



57.2170, 0.3487, 0.2891



57.2170, 0.4018, 0.3472



57.2170, 0.2744, 0.3740



57.2170, 0.2312, 0.3002

Sweetspot

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



57.2196, 0.3487, 0.2891



85.4953, 0.3211, 0.3180



52.8029, 0.2858, 0.2444



17.8328, 0.3226, 0.3161



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.



57.2196, 0.3487, 0.2891



51.1433, 0.3584, 0.2811



55.4503, 0.3835, 0.3292



18.1366, 0.3216, 0.3173



11.9241, 0.4992, 0.2523



1.1830, 0.4734, 0.2381

Inverse Universe

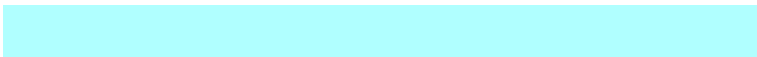
The Inverse Universe completely reimagines the original color for something new.



57.2196, 0.3487, 0.2891



51.1433, 0.3584, 0.2811



87.9325, 0.2681, 0.3289



18.1366, 0.3216, 0.3173



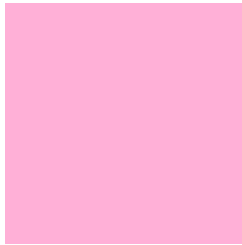
11.9241, 0.4992, 0.2523



1.1830, 0.4734, 0.2381

Previews

White Background



This preview shows how the Yxy color 57.2170, 0.3487, 0.2891 looks on a white background.

Color Contrast Check

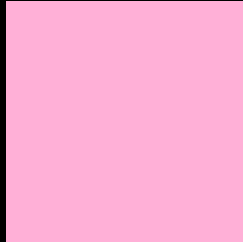
Large Text (above 18pt) WCAG AA × Fail

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 57.2170, 0.3487, 0.2891 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 57.2170, 0.3487, 0.2891

Background



This preview shows how black text looks on a background with the Yxy color 57.2170, 0.3487, 0.2891.



This preview shows how white text looks on a background with the Yxy color 57.2170, 0.3487, 0.2891.

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

57.2170, 0.3487, 0.2891

Protanopia

57.5146, 0.2882, 0.2929

Deuteranopia

57.4832, 0.3145, 0.3084



Tritanopia

57.2330, 0.3637, 0.3144

Trichromacy



Original Color

57.2170, 0.3487, 0.2891



Protanomaly

56.8077, 0.3082, 0.2909



Deuteranomaly

56.8387, 0.3264, 0.3003



Tritanomaly

57.3871, 0.3578, 0.3051

Monochromacy



Original Color

57.2170, 0.3487, 0.2891



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.8256, 0.3255, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2170, 0.3487, 0.2891 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 215)  
}
```

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, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 215) }
```

Border

The CSS property to change the border of an element to Yxy 57.2170, 0.3487, 0.2891 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, 215) }
```

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

```
.border{ border-color:rgb(255, 176, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2170, 0.3487, 0.2891 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, 215) }
```

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

```
.background{ background-color: rgb(255,  
176, 215) }
```

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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