

Converting Colors

Yxy(58.2681, 0.3473, 0.2904)

Have a look what the booklet for
Yxy(58.2681, 0.3473, 0.2904)
contains.

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Color

Yxy(58.0587, 0.3476, 0.2901)

Conversions

Conversions Part 1

Format	Color
Hex	FFB2D8
RGB	255, 178, 216
RGB Percent	100%, 70%, 85%
CMY	0.0000, 0.3020, 0.1529
CMYK	0.00, 0.30, 0.15, 0.00
HSL	330°, 100%, 85%
HSV	330°, 30%, 100%
XYZ	69.5664, 58.0587, 72.5083
YIQ	205.3550, 33.6940, 28.1420

Conversions

Conversions Part 2

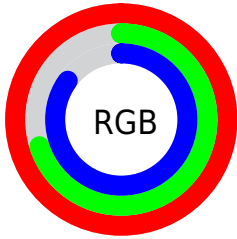
Format	Color
R _Y B	255, 178, 216
Decimal	16757464
CIE Lab	80.77, 33.48, -7.80
CIE LCh	81, 34.378, 346.879
Yxy	58.0587, 0.3476, 0.2901
Android (android.graphics.Color)	4294947544 (0xFFFFB2D8)
YUV	205.3550, 5.2480, 43.5387
Hunter-Lab	76.1963, 29.6251, -3.0830

Details

The Yxy color **58.0587, 0.3476, 0.2901** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.9922, 0.2880, 0.3717**, and the grayscale version is **61.2322, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3256, 0.3137, 0.3088**, and **28.8588, 0.3564, 0.2805** is the 20% darker color. If you saturate the color by 10%, you get **48.1911, 0.3639, 0.2769**, and if you desaturate by 10%, it is **69.8546, 0.3338, 0.3035**.

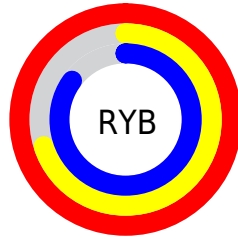
Distribution



Red (100%)

Green (70%)

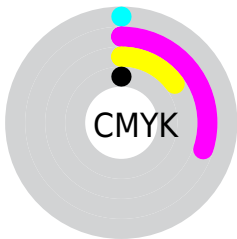
Blue (85%)



Red (100%)

Yellow (70%)

Blue (85%)

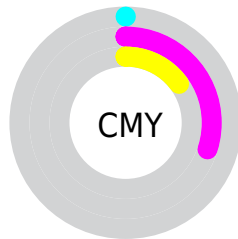


Cyan (0%)

Magenta (30%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0587, 0.3476, 0.2901 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 58.0587, 0.3476, 0.2901 by changing the saturation by 10% instead.


 58.0587, 0.3476,
0.2901

 58.0587, 0.3476,
0.2901


417.4046, 0.3311,
0.3083

 41.8558, 0.3515,
0.2859

 102.0083, 0.3418,
0.2964

 28.9884, 0.3563,
0.2807


130.5239, 0.3396,
0.2989

 19.0721, 0.3625,
0.2741


163.9125, 0.3376,
0.3010

 11.7224, 0.3707,
0.2655

202.5585, 0.3360,
0.3028

 6.5549, 0.3821,
0.2536

246.8463, 0.3345,
0.3044

 3.1853, 0.3992,
0.2363


297.1604, 0.3333,

 1.2292, 0.4269,

0.3059


0.2092


353.8850, 0.3321,
0.3071


 0.0854, 0.5541,
0.0526


 0.0000, 0.0000,
0.0000


 58.0587, 0.3476,
0.2901

 58.0587, 0.3476,
0.2901

 48.1911, 0.3639,
0.2769

 69.8546, 0.3338,
0.3035

 40.1610, 0.3830,
0.2645

 83.6918, 0.3224,
0.3164

 33.8473, 0.4047,
0.2541

99.6562, 0.3129,
0.3288

 29.1204, 0.4287,
0.2469

100.0000, 0.3127,
0.3290

■ 25.8320, 0.4540,
0.2442

■ 23.8052, 0.4793,
0.2469

■ 22.7633, 0.5029,
0.2544

Harmonies

Analogous

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



58.0587, 0.3021, 0.2667



58.0587, 0.3476, 0.2901



58.0587, 0.3852, 0.3227

Triad

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



58.0587, 0.3476, 0.2901



58.0587, 0.3612, 0.4086



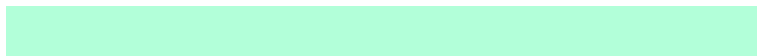
58.0587, 0.2311, 0.2893

Complementary

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



58.0587, 0.3476, 0.2901



85.9922, 0.2880, 0.3717

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.



58.0587, 0.2444, 0.3291



58.0587, 0.3476, 0.2901



58.0587, 0.3182, 0.4033

Square

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



58.0587, 0.3476, 0.2901



58.0587, 0.3924, 0.3905



58.0587, 0.2757, 0.3728



58.0587, 0.2374, 0.2644

Rectangle

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



58.0587, 0.3476, 0.2901



58.0587, 0.3992, 0.3467



58.0587, 0.2757, 0.3728



58.0587, 0.2334, 0.3013

Sweetspot

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



58.0536, 0.3476, 0.2901



85.4954, 0.3211, 0.3180



53.7297, 0.2866, 0.2466



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.



58.0536, 0.3476, 0.2901



52.1051, 0.3567, 0.2824



56.3093, 0.3811, 0.3292



18.1366, 0.3216, 0.3173



11.9244, 0.4991, 0.2523



1.1831, 0.4733, 0.2381

Inverse Universe

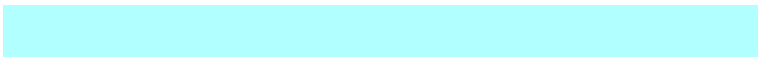
The Inverse Universe completely reimagines the original color for something new.



58.0536, 0.3476, 0.2901



52.1051, 0.3567, 0.2824



88.2034, 0.2691, 0.3289



18.1366, 0.3216, 0.3173



11.9244, 0.4991, 0.2523



1.1831, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 58.0587, 0.3476, 0.2901 looks on a white background.

Color Contrast Check

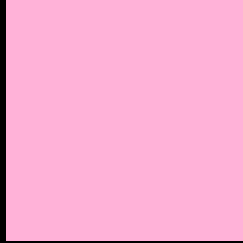
Large Text (above 18pt) WCAG AA × Fail

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 58.0587, 0.3476, 0.2901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

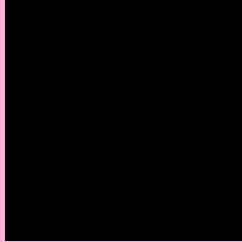
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0587, 0.3476, 0.2901

Background



This preview shows how black text looks on a background with the Yxy color 58.0587, 0.3476, 0.2901.



This preview shows how white text looks on a background with the Yxy color 58.0587, 0.3476, 0.2901.

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

58.0587, 0.3476, 0.2901

Protanopia

58.2398, 0.2897, 0.2943

Deuteranopia

58.2814, 0.3153, 0.3085



Tritanopia

58.2787, 0.3632, 0.3155

Trichromacy



Original Color

58.0587, 0.3476, 0.2901



Protanomaly

57.3951, 0.3089, 0.2921



Deuteranomaly

58.0732, 0.3270, 0.3016



Tritanomaly

58.4304, 0.3573, 0.3063

Monochromacy



Original Color

58.0587, 0.3476, 0.2901



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.3216, 0.3246, 0.3134

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0587, 0.3476, 0.2901 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, 178, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 178, 216)  
}
```

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, 178, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 178, 216) }
```

Border

The CSS property to change the border of an element to Yxy 58.0587, 0.3476, 0.2901 is called "border". The border property can be set on classes, ids or directly on the HTML element.

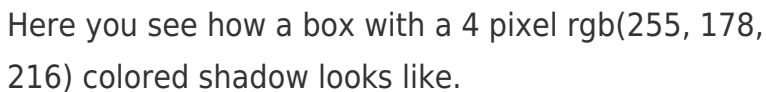
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 178, 216) }
```

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

```
.border{ border-color:rgb(255, 178, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 178, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 178, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 178, 216); box-shadow:4px 4px 4px 4px rgb(255, 178, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0587, 0.3476, 0.2901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 178, 216) }
```

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

```
.background{ background-color: rgb(255,  
178, 216) }
```

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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