

Converting Colors

$Yxy(58.5327, 0.3431, 0.2855)$

Have a look what the booklet for
Yxy(58.5327, 0.3431, 0.2855)
contains.

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Color

Yxy(58.7207, 0.3432, 0.2862)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3DD
RGB	255, 179, 221
RGB Percent	100%, 70%, 87%
CMY	0.0000, 0.2980, 0.1333
CMYK	0.00, 0.30, 0.13, 0.00
HSL	327°, 100%, 85%
HSV	327°, 30%, 100%
XYZ	70.4156, 58.7207, 76.0374
YIQ	206.5120, 31.8140, 29.1740

Conversions

Conversions Part 2

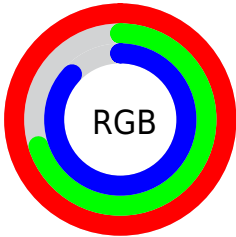
Format	Color
R _Y B	255, 179, 221
Decimal	16757725
CIE Lab	81.14, 33.73, -9.96
CIE LCh	81, 35.168, 343.546
Yxy	58.7207, 0.3432, 0.2862
Android (android.graphics.Color)	4294947805 (0xFFFFB3DD)
YUV	206.5120, 7.1426, 42.5240
Hunter-Lab	76.6294, 29.9240, -5.1913

Details

The Yxy color **58.7207, 0.3432, 0.2862** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.9071, 0.2907, 0.3763**, and the grayscale version is **62.0044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8967, 0.3136, 0.3097**, and **29.2907, 0.3504, 0.2755** is the 20% darker color. If you saturate the color by 10%, you get **48.8399, 0.3574, 0.2715**, and if you desaturate by 10%, it is **70.5333, 0.3311, 0.3011**.

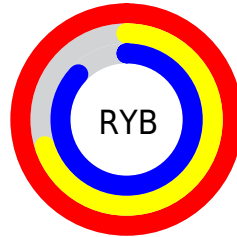
Distribution



Red (100%)

Green (70%)

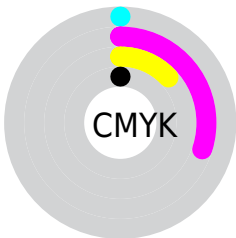
Blue (87%)



Red (100%)

Yellow (70%)

Blue (87%)

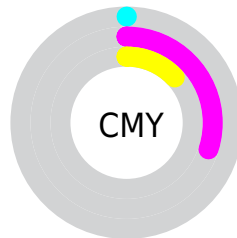


Cyan (0%)

Magenta (30%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7207, 0.3432, 0.2862 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 58.7207, 0.3432, 0.2862 by changing the saturation by 10% instead.


 58.7207, 0.3432,
0.2862

 58.7207, 0.3432,
0.2862

419.8661, 0.3289,
0.3060

 42.3883, 0.3465,
0.2817


 102.9716, 0.3382,
0.2931

 29.4055, 0.3506,
0.2761


131.6590, 0.3363,
0.2958

 19.3878, 0.3559,
0.2690


165.2334, 0.3346,
0.2981

 11.9508, 0.3628,
0.2597


204.0794, 0.3332,
0.3001

 6.7102, 0.3723,
0.2471

248.5812, 0.3319,
0.3018

 3.2815, 0.3863,
0.2290

299.1233, 0.3308,

 1.2804, 0.4085,

0.3034

0.2010

356.0902, 0.3298,
0.3048

0.1260, 0.4968,
0.0661

0.0000, 0.0000,
0.0000

58.7207, 0.3432,
0.2862

58.7207, 0.3432,
0.2862

48.8399, 0.3574,
0.2715

70.5333, 0.3311,
0.3011

40.7848, 0.3739,
0.2577

84.3739, 0.3210,
0.3155

34.4405, 0.3926,
0.2459

100.0000, 0.3127,
0.3290

29.6784, 0.4130,
0.2372

■ 26.3516, 0.4345,
0.2330

■ 24.2852, 0.4561,
0.2340

■ 23.1995, 0.4769,
0.2402

■ 23.1820, 0.4773,
0.2403

Harmonies

Analogous

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



58.7207, 0.2968, 0.2638



58.7207, 0.3432, 0.2862



58.7207, 0.3832, 0.3186

Triad

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



58.7207, 0.3432, 0.2862



58.7207, 0.3663, 0.4091



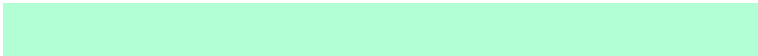
58.7207, 0.2302, 0.2924

Complementary

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



58.7207, 0.3432, 0.2862



85.9071, 0.2907, 0.3763

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.



58.7207, 0.2459, 0.3340



58.7207, 0.3432, 0.2862



58.7207, 0.3233, 0.4068

Square

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



58.7207, 0.3432, 0.2862



58.7207, 0.3962, 0.3884



58.7207, 0.2793, 0.3781



58.7207, 0.2344, 0.2651

Rectangle

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



58.7207, 0.3432, 0.2862



58.7207, 0.3992, 0.3429



58.7207, 0.2793, 0.3781



58.7207, 0.2332, 0.3051

Sweetspot

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



58.7210, 0.3432, 0.2862



85.5779, 0.3203, 0.3166



53.4470, 0.2832, 0.2469



17.8531, 0.3216, 0.3146



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.



58.7210, 0.3432, 0.2862



52.3778, 0.3517, 0.2770



56.9634, 0.3754, 0.3239



18.1552, 0.3207, 0.3159



12.1437, 0.4741, 0.2385



1.2044, 0.4517, 0.2262

Inverse Universe

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



58.7210, 0.3432, 0.2862



52.3778, 0.3517, 0.2770



88.0016, 0.2720, 0.3344



18.1552, 0.3207, 0.3159



12.1437, 0.4741, 0.2385



1.2044, 0.4517, 0.2262

Previews

White Background



This preview shows how the Yxy color 58.7207, 0.3432, 0.2862 looks on a white background.

Color Contrast Check

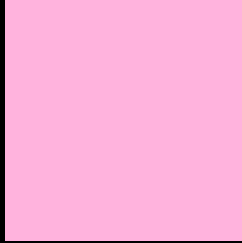
Large Text (above 18pt) WCAG AA × Fail

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 58.7207, 0.3432, 0.2862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

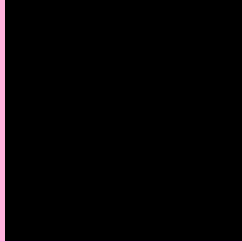
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7207, 0.3432, 0.2862

Background



This preview shows how black text looks on a background with the Yxy color 58.7207, 0.3432, 0.2862.



This preview shows how white text looks on a background with the Yxy color 58.7207, 0.3432, 0.2862.

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

58.7207, 0.3432, 0.2862

Protanopia

59.0425, 0.2858, 0.2889

Deuteranopia

58.8380, 0.3108, 0.3041



Tritanopia

58.5936, 0.3604, 0.3144

Trichromacy



Original Color

58.7207, 0.3432, 0.2862



Protanomaly

58.1642, 0.3046, 0.2869



Deuteranomaly

58.5994, 0.3222, 0.2973



Tritanomaly

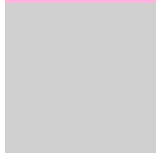
58.7948, 0.3537, 0.3041

Monochromacy



Original Color

58.7207, 0.3432, 0.2862



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.5333, 0.3230, 0.3124

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7207, 0.3432, 0.2862 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, 179, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 221)  
}
```

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, 179, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 221) }
```

Border

The CSS property to change the border of an element to Yxy 58.7207, 0.3432, 0.2862 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, 179, 221) }
```

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

```
.border{ border-color:rgb(255, 179, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
221) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 58.7207, 0.3432, 0.2862$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 221) }
```

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

```
.background{ background-color: rgb(255,  
179, 221) }
```

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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