

Converting Colors

$Yxy(58.1121, 0.3375, 0.2971)$

Have a look what the booklet for
Yxy(58.1121, 0.3375, 0.2971)
contains.

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Color

Yxy(58.0133, 0.3375, 0.2971)

Conversions

Conversions Part 1

Format	Color
Hex	F2B8D6
RGB	242, 184, 214
RGB Percent	95%, 72%, 84%
CMY	0.0509, 0.2784, 0.1607
CMYK	0.00, 0.24, 0.12, 0.05
HSL	329°, 69%, 84%
HSV	329°, 24%, 95%
XYZ	65.9020, 58.0133, 71.3499
YIQ	204.7620, 24.9380, 21.6260

Conversions

Conversions Part 2

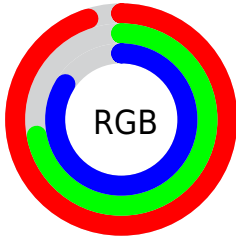
Format	Color
RYB	242, 184, 214
Decimal	15907030
CIELab	80.75, 25.53, -6.91
CIElCh	81, 26.454, 344.852
Yxy	58.0133, 0.3375, 0.2971
Android (android.graphics.Color)	4294097110 (0xFFFF2B8D6)
YUV	204.7620, 4.5543, 32.6577
Hunter-Lab	76.1665, 21.1534, -2.2241

Details

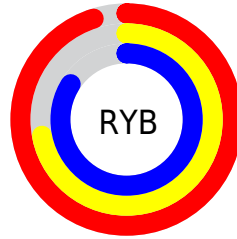
The Yxy color **58.0133, 0.3375, 0.2971** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **78.4597, 0.2936, 0.3633**, and the grayscale version is **60.8525, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.0501, 0.3437, 0.2904** is the 20% darker color. If you saturate the color by 10%, you get **48.2311, 0.3514, 0.2832**, and if you desaturate by 10%, it is **69.5635, 0.3258, 0.3108**.

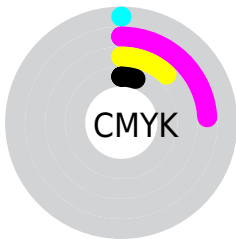
Distribution



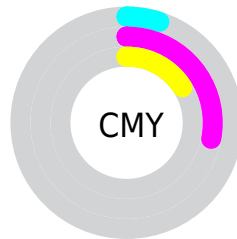
- Red (95%)
- Green (72%)
- Blue (84%)



- Red (95%)
- Yellow (72%)
- Blue (84%)



- Cyan (0%)
- Magenta (24%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (28%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0133, 0.3375, 0.2971 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 58.0133, 0.3375, 0.2971 by changing the saturation by 10% instead.


 58.0133, 0.3375,
0.2971

 58.0133, 0.3375,
0.2971


417.2355, 0.3258,
0.3121

 41.8193, 0.3403,
0.2936


 101.9422, 0.3334,
0.3023

 28.9599, 0.3437,
0.2893

130.4460, 0.3318,
0.3044

 19.0505, 0.3481,
0.2838

163.8218, 0.3304,
0.3061

 11.7067, 0.3540,
0.2765

202.4541, 0.3292,
0.3076

 6.5443, 0.3622,
0.2664

246.7272, 0.3282,
0.3089

 3.1788, 0.3745,
0.2516

297.0255, 0.3273,

 1.2258, 0.3948,

0.3101

0.2279

353.7335, 0.3265,
0.3111

0.0826, 0.5169,
0.0608

0.0000, 0.0000,
0.0000

58.0133, 0.3375,
0.2971

58.0133, 0.3375,
0.2971

48.2311, 0.3514,
0.2832

69.5635, 0.3258,
0.3108

40.1206, 0.3678,
0.2696

82.9561, 0.3161,
0.3240

33.5883, 0.3868,
0.2573

97.2440, 0.3081,
0.3348

28.5282, 0.4081,
0.2474

97.6208, 0.3048,
0.3290

■ 24.8211, 0.4311,
0.2412

■ 22.3288, 0.4550,
0.2398

■ 20.8832, 0.4784,
0.2438

■ 20.3665, 0.4921,
0.2484

Harmonies

Analogous

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



58.0133, 0.3025, 0.2791



58.0133, 0.3375, 0.2971



58.0133, 0.3668, 0.3228

Triad

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



58.0133, 0.3375, 0.2971



58.0133, 0.3527, 0.3897



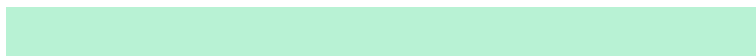
58.0133, 0.2490, 0.3008

Complementary

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



58.0133, 0.3375, 0.2971



78.4597, 0.2936, 0.3633

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.



58.0133, 0.2609, 0.3319



58.0133, 0.3375, 0.2971



58.0133, 0.3199, 0.3861

Square

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



58.0133, 0.3375, 0.2971



58.0133, 0.3754, 0.3759



58.0133, 0.2864, 0.3643



58.0133, 0.2530, 0.2799

Rectangle

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



58.0133, 0.3375, 0.2971



58.0133, 0.3783, 0.3418



58.0133, 0.2864, 0.3643



58.0133, 0.2513, 0.3104

Sweetspot

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



58.0159, 0.3375, 0.2971



88.5927, 0.3189, 0.3201



54.5513, 0.2915, 0.2648



18.7626, 0.3194, 0.3193



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.



58.0159, 0.3375, 0.2971



59.4586, 0.3443, 0.2900



56.7025, 0.3612, 0.3270



15.8954, 0.3212, 0.3168



10.9668, 0.4885, 0.2465



0.9324, 0.4604, 0.2310

Inverse Universe

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



58.0159, 0.3375, 0.2971



59.4586, 0.3443, 0.2900



80.0024, 0.2783, 0.3310



15.8954, 0.3212, 0.3168



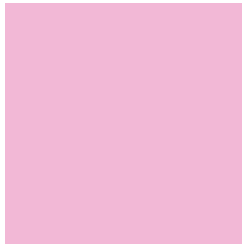
10.9668, 0.4885, 0.2465



0.9324, 0.4604, 0.2310

Previews

White Background



This preview shows how the Yxy color 58.0133, 0.3375, 0.2971 looks on a white background.

Color Contrast Check

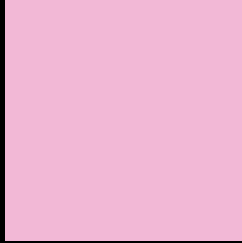
Large Text (above 18pt) WCAG AA × Fail

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 58.0133, 0.3375, 0.2971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

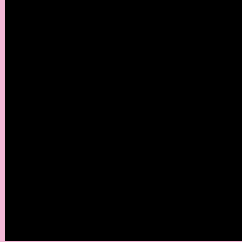
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0133, 0.3375, 0.2971

Background



This preview shows how black text looks on a background with the Yxy color 58.0133, 0.3375, 0.2971.



This preview shows how white text looks on a background with the Yxy color 58.0133, 0.3375, 0.2971.

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

58.0133, 0.3375, 0.2971

Protanopia

58.2344, 0.2944, 0.2999

Deuteranopia

58.2308, 0.3160, 0.3097



Tritanopia

57.8601, 0.3462, 0.3128

Trichromacy



Original Color

58.0133, 0.3375, 0.2971

Protanomaly

58.0470, 0.3094, 0.2996

Deuteranomaly

58.0733, 0.3235, 0.3046

Tritanomaly

57.8549, 0.3431, 0.3065

Monochromacy



Original Color

58.0133, 0.3375, 0.2971

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.3920, 0.3212, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0133, 0.3375, 0.2971 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(242, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(242, 184, 214)  
}
```

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(242, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 184, 214) }
```

Border

The CSS property to change the border of an element to Yxy 58.0133, 0.3375, 0.2971 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(242, 184, 214) }
```

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

```
.border{ border-color:rgb(242, 184, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 184, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(242, 184,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0133, 0.3375, 0.2971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 184, 214) }
```

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

```
.background{ background-color: rgb(242,  
184, 214) }
```

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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