

Converting Colors

$Yxy(58.0638, 0.3384, 0.2974)$

Have a look what the booklet for
Yxy(58.0638, 0.3384, 0.2974)
contains.

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Color

Yxy(58.1907, 0.3383, 0.2972)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | F3B8D6 |
| RGB | 243, 184, 214 |
| RGB Percent | 95%, 72%, 84% |
| CMY | 0.0471, 0.2784, 0.1607 |
| CMYK | 0.00, 0.24, 0.12, 0.05 |
| HSL | 329°, 71%, 84% |
| HSV | 329°, 24%, 95% |
| XYZ | 66.2379, 58.1907, 71.3678 |
| YIQ | 205.0610, 25.5340, 21.8380 |

Conversions

Conversions Part 2

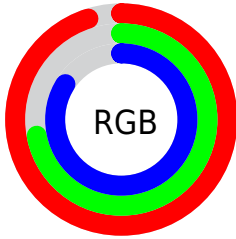
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 243, 184, 214 |
| Decimal | 15972566 |
| CIE Lab | 80.84, 25.86, -6.76 |
| CIE LCh | 81, 26.729, 345.356 |
| Yxy | 58.1907, 0.3383, 0.2972 |
| Android (android.graphics.Color) | 4294162646 (0xFFF3B8D6) |
| YUV | 205.0610, 4.4069, 33.2725 |
| Hunter-Lab | 76.2828, 21.5002, -2.0719 |

Details

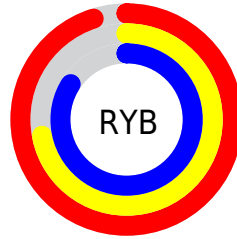
The Yxy color $58.1907, 0.3383, 0.2972$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $79.0881, 0.2931, 0.3632$, and the grayscale version is $61.0520, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.8002, 0.3134, 0.3146$, and $29.1749, 0.3448, 0.2906$ is the 20% darker color. If you saturate the color by 10%, you get $48.3620, 0.3526, 0.2835$, and if you desaturate by 10%, it is $69.8032, 0.3263, 0.3107$.

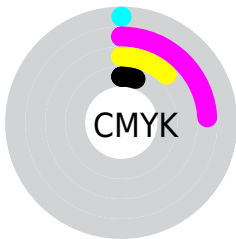
Distribution



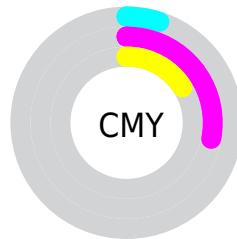
- Red (95%)
- Green (72%)
- Blue (84%)



- 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 58.1907, 0.3383, 0.2972 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 58.1907, 0.3383, 0.2972 by changing the saturation by 10% instead.


 58.1907, 0.3383,
0.2972

 58.1907, 0.3383,
0.2972


417.8961, 0.3262,
0.3121

 41.9620, 0.3411,
0.2937


 102.2005, 0.3340,
0.3024

 29.0715, 0.3447,
0.2894


130.7504, 0.3324,
0.3044

 19.1349, 0.3493,
0.2839


164.1761, 0.3310,
0.3062

 11.7678, 0.3553,
0.2767

202.8621, 0.3298,
0.3077

 6.5858, 0.3638,
0.2667

247.1927, 0.3287,
0.3090

 3.2044, 0.3765,
0.2519

297.5523, 0.3278,

 1.2394, 0.3975,

0.3102

0.2283

354.3253, 0.3269,
0.3112

0.0935, 0.5189,
0.0674

0.0000, 0.0000,
0.0000

58.1907, 0.3383,
0.2972

58.1907, 0.3383,
0.2972

48.3620, 0.3526,
0.2835

69.8032, 0.3263,
0.3107

40.2196, 0.3694,
0.2702

83.2747, 0.3164,
0.3237

33.6687, 0.3888,
0.2581

97.4635, 0.3083,
0.3340

28.6019, 0.4106,
0.2485

97.7923, 0.3053,
0.3290

■ 24.8982, 0.4342,
0.2426

■ 22.4174, 0.4586,
0.2415

■ 20.9882, 0.4826,
0.2460

■ 20.4979, 0.4958,
0.2505

Harmonies

Analogous

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



58.1907, 0.3030, 0.2789



58.1907, 0.3383, 0.2972



58.1907, 0.3677, 0.3232

Triad

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



58.1907, 0.3383, 0.2972



58.1907, 0.3525, 0.3904



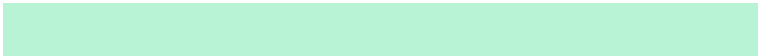
58.1907, 0.2484, 0.3001

Complementary

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



58.1907, 0.3383, 0.2972



79.0881, 0.2931, 0.3632

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.



58.1907, 0.2601, 0.3313



58.1907, 0.3383, 0.2972



58.1907, 0.3194, 0.3865

Square

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



58.1907, 0.3383, 0.2972



58.1907, 0.3757, 0.3767



58.1907, 0.2857, 0.3641



58.1907, 0.2527, 0.2792

Rectangle

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



58.1907, 0.3383, 0.2972



58.1907, 0.3791, 0.3424



58.1907, 0.2857, 0.3641



58.1907, 0.2506, 0.3096

Sweetspot

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



58.1933, 0.3383, 0.2972



88.5833, 0.3190, 0.3202



54.8293, 0.2920, 0.2641



18.7604, 0.3195, 0.3194



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.



58.1933, 0.3383, 0.2972



59.4253, 0.3448, 0.2906



56.8401, 0.3628, 0.3281



16.6232, 0.3214, 0.3170



11.2787, 0.4923, 0.2486



1.0121, 0.4650, 0.2335

Inverse Universe

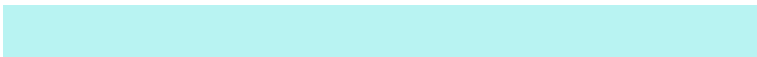
The Inverse Universe completely reimagines the original color for something new.



58.1933, 0.3383, 0.2972



59.4253, 0.3448, 0.2906



80.6960, 0.2774, 0.3300



16.6232, 0.3214, 0.3170



11.2787, 0.4923, 0.2486



1.0121, 0.4650, 0.2335

Previews

White Background



This preview shows how the Yxy color 58.1907, 0.3383, 0.2972 looks on a white background.

Color Contrast Check

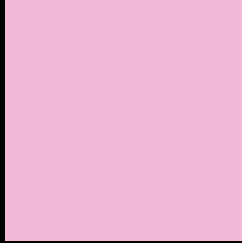
Large Text (above 18pt) WCAG AA × Fail

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 58.1907, 0.3383, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

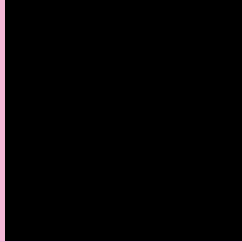
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.1907, 0.3383, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 58.1907, 0.3383, 0.2972.



This preview shows how white text looks on a background with the Yxy color 58.1907, 0.3383, 0.2972.

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

58.1907, 0.3383, 0.2972

Protanopia

58.6961, 0.2945, 0.3011

Deuteranopia

58.3826, 0.3168, 0.3097



Tritanopia

58.0356, 0.3471, 0.3129

Trichromacy



Original Color

58.1907, 0.3383, 0.2972

Protanomaly

58.0470, 0.3094, 0.2996

Deuteranomaly

58.2345, 0.3244, 0.3046

Tritanomaly

58.0314, 0.3439, 0.3066

Monochromacy



Original Color

58.1907, 0.3383, 0.2972

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.5466, 0.3220, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.1907, 0.3383, 0.2972 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(243, 184, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 184, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 184, 214) }
```

Border

The CSS property to change the border of an element to Yxy 58.1907, 0.3383, 0.2972 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(243, 184, 214) }
```

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

```
.border{ border-color:rgb(243, 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(243, 184, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 184, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 184, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 184,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 58.1907, 0.3383, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 184, 214) }
```

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

```
.background{ background-color: rgb(243,  
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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