

Converting Colors

Yxy(58.8048, 0.3577, 0.3099)

Have a look what the booklet for
Yxy(58.8048, 0.3577, 0.3099)
contains.

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Color

Yxy(58.9667, 0.3578, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	FDB7C9
RGB	253, 183, 201
RGB Percent	99%, 72%, 79%
CMY	0.0077, 0.2824, 0.2117
CMYK	0.00, 0.28, 0.21, 0.01
HSL	345°, 95%, 85%
HSV	345°, 28%, 99%
XYZ	67.9932, 58.9667, 63.0714
YIQ	205.9820, 35.9420, 20.4380

Conversions

Conversions Part 2

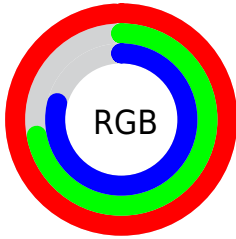
Format	Color
R _Y B	253, 183, 201
Decimal	16627657
CIE Lab	81.27, 27.90, 0.99
CIE LCh	81, 27.913, 2.038
Yxy	58.9667, 0.3578, 0.3103
Android (android.graphics.Color)	4294817737 (0xFFFDDB7C9)
YUV	205.9820, -2.4561, 41.2348
Hunter-Lab	76.7898, 23.6700, 5.0549

Details

The Yxy color **58.9667, 0.3578, 0.3103** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.3308, 0.2814, 0.3487**, and the grayscale version is **61.7111, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2130, 0.3134, 0.3136**, and **29.4092, 0.3694, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **48.6227, 0.3815, 0.3033**, and if you desaturate by 10%, it is **71.3004, 0.3384, 0.3174**.

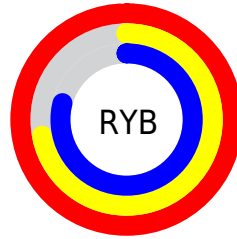
Distribution



Red (99%)

Green (72%)

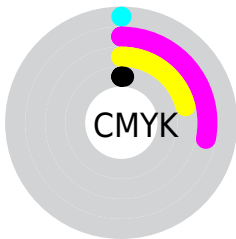
Blue (79%)



Red (99%)

Yellow (72%)

Blue (79%)

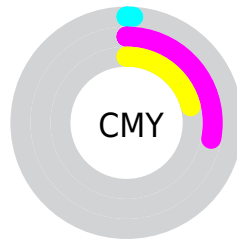


Cyan (0%)

Magenta (28%)

Yellow (21%)

Black (1%)



Cyan (1%)


Magenta (28%)

Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9667, 0.3578, 0.3103 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 58.9667, 0.3578, 0.3103 by changing the saturation by 10% instead.

 58.9667, 0.3578,
0.3103

 58.9667, 0.3578,
0.3103

420.7785, 0.3361,
0.3194

 42.5863, 0.3630,
0.3081


 103.3293, 0.3501,
0.3135

 29.5607, 0.3695,
0.3054


132.0802, 0.3472,
0.3148

 19.5054, 0.3779,
0.3018


165.7235, 0.3446,
0.3158

 12.0360, 0.3892,
0.2970

204.6435, 0.3425,
0.3167

 6.7682, 0.4053,
0.2902

249.2246, 0.3406,
0.3175

 3.3176, 0.4297,
0.2797


299.8512, 0.3389,

 1.2997, 0.4711,

0.3182

0.2617

356.9077, 0.3374,
0.3188

 0.1410, 0.7836,
0.1355


 0.0000, 0.0000,
0.0000


 58.9667, 0.3578,
0.3103

 58.9667, 0.3578,
0.3103

 48.6227, 0.3815,
0.3033

 71.3004, 0.3384,
0.3174

 40.1557, 0.4099,
0.2968

 85.7124, 0.3227,
0.3241

 33.4544, 0.4433,
0.2915

99.6275, 0.3115,
0.3290

 28.3924, 0.4807,
0.2887

■ 24.8259, 0.5199,
0.2893

■ 22.5863, 0.5573,
0.2942

■ 21.4511, 0.5887,
0.3031

■ 21.2709, 0.5951,
0.3052

Harmonies

Analogous

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



58.9667, 0.3230, 0.2863



58.9667, 0.3578, 0.3103



58.9667, 0.3804, 0.3395

Triad

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



58.9667, 0.3578, 0.3103



58.9667, 0.3355, 0.3932



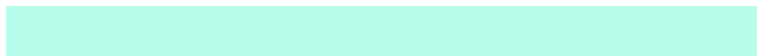
58.9667, 0.2464, 0.2851

Complementary

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



58.9667, 0.3578, 0.3103



86.3308, 0.2814, 0.3487

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.



58.9667, 0.2494, 0.3123



58.9667, 0.3578, 0.3103



58.9667, 0.2995, 0.3780

Square

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



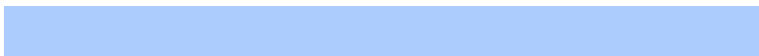
58.9667, 0.3578, 0.3103



58.9667, 0.3666, 0.3884



58.9667, 0.2683, 0.3471



58.9667, 0.2598, 0.2714

Rectangle

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



58.9667, 0.3578, 0.3103



58.9667, 0.3848, 0.3589



58.9667, 0.2683, 0.3471



58.9667, 0.2455, 0.2929

Sweetspot

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



58.9694, 0.3578, 0.3103



86.7304, 0.3232, 0.3239



58.5089, 0.3016, 0.2568



18.0638, 0.3254, 0.3229



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.



58.9694, 0.3578, 0.3103



54.1580, 0.3698, 0.3065



65.3064, 0.3688, 0.3463



18.0638, 0.3254, 0.3229



11.3326, 0.5912, 0.3030



1.1203, 0.5596, 0.2856

Inverse Universe

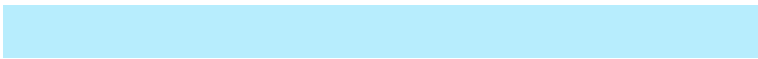
The Inverse Universe completely reimagines the original color for something new.



58.9694, 0.3578, 0.3103



54.1580, 0.3698, 0.3065



77.5456, 0.2705, 0.3110



18.0638, 0.3254, 0.3229



11.3326, 0.5912, 0.3030



1.1203, 0.5596, 0.2856

Previews

White Background



This preview shows how the Yxy color 58.9667, 0.3578, 0.3103 looks on a white background.

Color Contrast Check

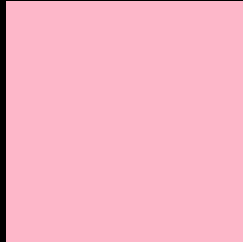
Large Text (above 18pt) WCAG AA × Fail

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 58.9667, 0.3578, 0.3103 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 58.9667, 0.3578, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 58.9667, 0.3578, 0.3103.



This preview shows how white text looks on a background with the Yxy color 58.9667, 0.3578, 0.3103.

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

58.9667, 0.3578, 0.3103

Protanopia

59.2233, 0.3064, 0.3162

Deuteranopia

59.2914, 0.3322, 0.3257



Tritanopia

59.2408, 0.3602, 0.3145

Trichromacy



Original Color

58.9667, 0.3578, 0.3103

Protanomaly

58.5098, 0.3239, 0.3132

Deuteranomaly

58.9242, 0.3412, 0.3192

Tritanomaly

59.2871, 0.3593, 0.3135

Monochromacy



Original Color

58.9667, 0.3578, 0.3103

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.4358, 0.3281, 0.3223

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9667, 0.3578, 0.3103 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(253, 183, 201)` looks like.

```
.text, #text, p{  
    color:rgb(253, 183, 201)  
}
```

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(253, 183, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 183, 201) }
```

Border

The CSS property to change the border of an element to Yxy 58.9667, 0.3578, 0.3103 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(253, 183, 201) }
```

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

```
.border{ border-color:rgb(253, 183, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 183, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 183, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 183, 201);  
box-shadow:4px 4px 4px 4px rgb(253, 183,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9667, 0.3578, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 183, 201) }
```

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

```
.background{ background-color: rgb(253,  
183, 201) }
```

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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