

Converting Colors

$Y_{xy}(59.5781, 0.3539, 0.3078)$

Have a look what the booklet for
Yxy(59.5781, 0.3539, 0.3078)
contains.

Yxy(59.3842, 0.3533, 0.3072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.3842, 0.3533, 0.3072)

Conversions

Conversions Part 1

Format	Color
Hex	FCB8CD
RGB	252, 184, 205
RGB Percent	99%, 72%, 80%
CMY	0.0119, 0.2783, 0.1960
CMYK	0.00, 0.27, 0.19, 0.01
HSL	341°, 92%, 85%
HSV	341°, 27%, 99%
XYZ	68.2957, 59.3842, 65.6280
YIQ	206.7260, 33.7870, 20.9470

Conversions

Conversions Part 2

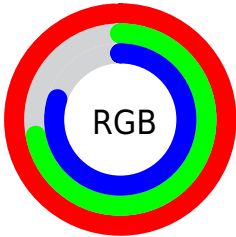
Format	Color
R _Y B	252, 184, 205
Decimal	16562381
CIE Lab	81.50, 27.57, -0.84
CIE LCh	82, 27.583, 358.264
Yxy	59.3842, 0.3533, 0.3072
Android (android.graphics.Color)	4294752461 (0xFFFCB8CD)
YUV	206.7260, -0.8509, 39.7053
Hunter-Lab	77.0611, 23.3392, 3.4493

Details

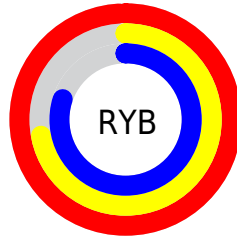
The Yxy color **59.3842, 0.3533, 0.3072** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5581, 0.2839, 0.3521**, and the grayscale version is **62.2018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **29.6690, 0.3632, 0.3009** is the 20% darker color. If you saturate the color by 10%, you get **49.0385, 0.3749, 0.2987**, and if you desaturate by 10%, it is **71.6932, 0.3356, 0.3156**.

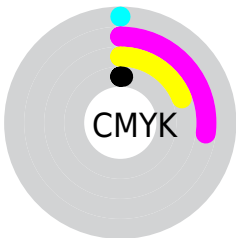
Distribution



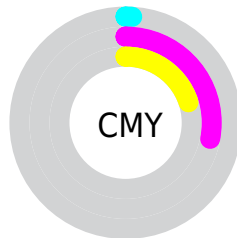
- Red (99%)
- Green (72%)
- Blue (80%)



- Red (99%)
- Yellow (72%)
- Blue (80%)



- Cyan (0%)
- Magenta (27%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3842, 0.3533, 0.3072 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 59.3842, 0.3533, 0.3072 by changing the saturation by 10% instead.

 59.3842, 0.3533,
0.3072

 59.3842, 0.3533,
0.3072


422.3242, 0.3339,
0.3176

 42.9225, 0.3579,
0.3047


 103.9359, 0.3464,
0.3109

 29.8243, 0.3637,
0.3016


132.7946, 0.3438,
0.3123

 19.7053, 0.3712,
0.2977


166.5544, 0.3415,
0.3135

 12.1810, 0.3813,
0.2923

205.5998, 0.3396,
0.3145

 6.8671, 0.3955,
0.2848

250.3150, 0.3379,
0.3155

 3.3791, 0.4170,
0.2735


301.0846, 0.3364,

 1.3327, 0.4532,

0.3163


0.2546


358.2929, 0.3350,
0.3170


 0.1663, 0.6719,
0.1345


 0.0000, 0.0000,
0.0000


 59.3842, 0.3533,
0.3072

 59.3842, 0.3533,
0.3072


 49.0385, 0.3749,
0.2987


 71.6932, 0.3356,
0.3156

 40.5459, 0.4008,
0.2908

 86.0518, 0.3211,
0.3237

 33.7978, 0.4311,
0.2842

 99.4284, 0.3108,
0.3290

 28.6709, 0.4653,
0.2800

■ 25.0256, 0.5017,
0.2795

■ 22.6982, 0.5374,
0.2837

■ 21.4811, 0.5691,
0.2926

■ 21.2363, 0.5778,
0.2957

Harmonies

Analogous

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



59.3842, 0.3183, 0.2845



59.3842, 0.3533, 0.3072



59.3842, 0.3776, 0.3357

Triad

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



59.3842, 0.3533, 0.3072



59.3842, 0.3395, 0.3927



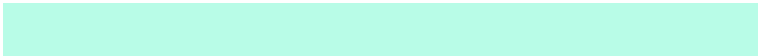
59.3842, 0.2468, 0.2885

Complementary

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



59.3842, 0.3533, 0.3072



85.5581, 0.2839, 0.3521

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.



59.3842, 0.2517, 0.3167



59.3842, 0.3533, 0.3072



59.3842, 0.3041, 0.3801

Square

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



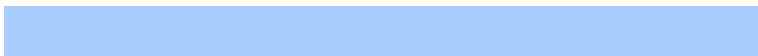
59.3842, 0.3533, 0.3072



59.3842, 0.3688, 0.3858



59.3842, 0.2723, 0.3511



59.3842, 0.2580, 0.2731

Rectangle

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



59.3842, 0.3533, 0.3072



59.3842, 0.3837, 0.3551



59.3842, 0.2723, 0.3511



59.3842, 0.2466, 0.2966

Sweetspot

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



59.3869, 0.3533, 0.3072



86.7929, 0.3225, 0.3229



58.2132, 0.2994, 0.2582



18.0795, 0.3245, 0.3217



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.



59.3869, 0.3533, 0.3072



55.4063, 0.3637, 0.3029



63.8457, 0.3679, 0.3423



17.3135, 0.3245, 0.3217



11.0891, 0.5734, 0.2933



1.0452, 0.5398, 0.2747

Inverse Universe

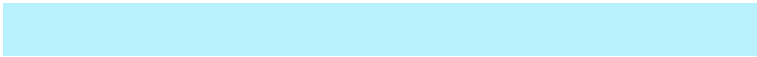
The Inverse Universe completely reimagines the original color for something new.



59.3869, 0.3533, 0.3072



55.4063, 0.3637, 0.3029



79.2490, 0.2719, 0.3153



17.3135, 0.3245, 0.3217



11.0891, 0.5734, 0.2933



1.0452, 0.5398, 0.2747

Previews

White Background



This preview shows how the Yxy color 59.3842, 0.3533, 0.3072 looks on a white background.

Color Contrast Check

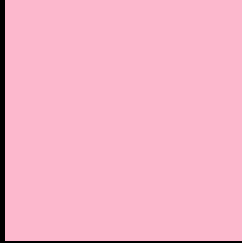
Large Text (above 18pt) WCAG AA × Fail

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 59.3842, 0.3533, 0.3072 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 59.3842, 0.3533, 0.3072

Background



This preview shows how black text looks on a background with the Yxy color 59.3842, 0.3533, 0.3072.



This preview shows how white text looks on a background with the Yxy color 59.3842, 0.3533, 0.3072.

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

59.3842, 0.3533, 0.3072

Protanopia

59.8439, 0.3043, 0.3139

Deuteranopia

59.3212, 0.3283, 0.3211



Tritanopia

59.3307, 0.3574, 0.3144

Trichromacy



Original Color

59.3842, 0.3533, 0.3072



Protanomaly

59.1055, 0.3215, 0.3111



Deuteranomaly

59.3825, 0.3370, 0.3159



Tritanomaly

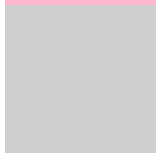
59.4242, 0.3557, 0.3123

Monochromacy



Original Color

59.3842, 0.3533, 0.3072



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

60.9911, 0.3265, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3842, 0.3533, 0.3072 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(252, 184, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 184, 205)  
}
```

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(252, 184, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 184, 205) }
```

Border

The CSS property to change the border of an element to Yxy 59.3842, 0.3533, 0.3072 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(252, 184, 205) }
```

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

```
.border{ border-color:rgb(252, 184, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 184, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 184, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 184, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 184,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3842, 0.3533, 0.3072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 184, 205) }
```

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

```
.background{ background-color: rgb(252,  
184, 205) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor