

Converting Colors

$Y_{xy}(65.6329, 0.3846, 0.3071)$

Have a look what the booklet for
Yxy(65.6329, 0.3846, 0.3071)
contains.

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Color

Yxy(58.7155, 0.3565, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5CD
RGB	255, 181, 205
RGB Percent	100%, 71%, 80%
CMY	0.0000, 0.2902, 0.1962
CMYK	0.00, 0.29, 0.20, 0.00
HSL	341°, 100%, 85%
HSV	341°, 29%, 100%
XYZ	68.7876, 58.7155, 65.4495
YIQ	205.8620, 36.4000, 23.1520

Conversions

Conversions Part 2

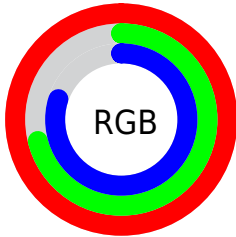
Format	Color
R _Y B	255, 181, 205
Decimal	16758221
CIE Lab	81.13, 30.23, -1.32
CIE LCh	81, 30.255, 357.508
Yxy	58.7155, 0.3565, 0.3043
Android (android.graphics.Color)	4294948301 (0xFFFFB5CD)
YUV	205.8620, -0.4250, 43.0940
Hunter-Lab	76.6260, 26.1449, 2.9961

Details

The Yxy color **58.7155, 0.3565, 0.3043** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.1142, 0.2825, 0.3554**, and the grayscale version is **61.6103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0484, 0.3135, 0.3117**, and **29.2834, 0.3675, 0.2973** is the 20% darker color. If you saturate the color by 10%, you get **48.4883, 0.3784, 0.2955**, and if you desaturate by 10%, it is **70.9280, 0.3384, 0.3132**.

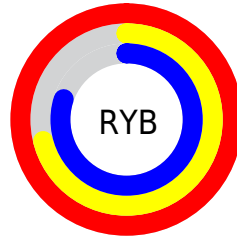
Distribution



Red (100%)

Green (71%)

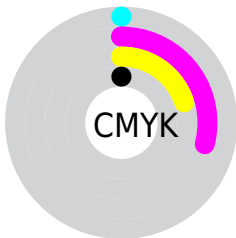
Blue (80%)



Red (100%)

Yellow (71%)

Blue (80%)

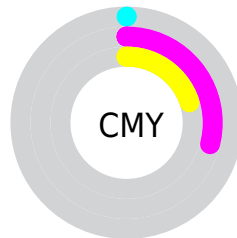


Cyan (0%)

Magenta (29%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (29%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7155, 0.3565, 0.3043 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 58.7155, 0.3565, 0.3043 by changing the saturation by 10% instead.


 58.7155, 0.3565,
0.3043

 58.7155, 0.3565,
0.3043


419.8468, 0.3355,
0.3161

 42.3841, 0.3615,
0.3015


 102.9641, 0.3491,
0.3085

 29.4022, 0.3678,
0.2980


131.6501, 0.3462,
0.3101

 19.3853, 0.3759,
0.2935


165.2230, 0.3438,
0.3114

 11.9490, 0.3867,
0.2875

204.0674, 0.3417,
0.3126

 6.7090, 0.4021,
0.2791

248.5676, 0.3398,
0.3137

 3.2808, 0.4254,
0.2664


299.1080, 0.3382,

 1.2800, 0.4646,


0.3146


0.2452


356.0729, 0.3368,
0.3154


 0.1256, 0.7075,
0.1037


 0.0000, 0.0000,
0.0000


 58.7155, 0.3565,
0.3043


 58.7155, 0.3565,
0.3043

 48.4883, 0.3784,
0.2955


 70.9280, 0.3384,
0.3132

 40.1459, 0.4046,
0.2873

 85.2306, 0.3237,
0.3217

 33.5698, 0.4350,
0.2807

100.0000, 0.3127,
0.3290

 28.6300, 0.4689,
0.2769

■ 25.1787, 0.5046,
0.2771

■ 23.0408, 0.5392,
0.2822

■ 21.9593, 0.5697,
0.2917

■ 21.8788, 0.5725,
0.2927

Harmonies

Analogous

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



58.7155, 0.3177, 0.2799



58.7155, 0.3565, 0.3043



58.7155, 0.3838, 0.3352

Triad

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



58.7155, 0.3565, 0.3043



58.7155, 0.3429, 0.3995



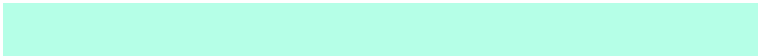
58.7155, 0.2404, 0.2849

Complementary

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



58.7155, 0.3565, 0.3043



87.1142, 0.2825, 0.3554

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.



58.7155, 0.2463, 0.3161



58.7155, 0.3565, 0.3043



58.7155, 0.3040, 0.3863

Square

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



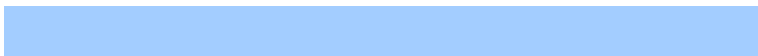
58.7155, 0.3565, 0.3043



58.7155, 0.3750, 0.3908



58.7155, 0.2690, 0.3543



58.7155, 0.2522, 0.2679

Rectangle

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



58.7155, 0.3565, 0.3043



58.7155, 0.3908, 0.3564



58.7155, 0.2690, 0.3543



58.7155, 0.2404, 0.2939

Sweetspot

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



58.7134, 0.3565, 0.3043



85.2622, 0.3236, 0.3217



57.1449, 0.2971, 0.2522



17.7755, 0.3256, 0.3205



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.



58.7134, 0.3565, 0.3043



52.3668, 0.3691, 0.2990



62.8827, 0.3738, 0.3421



18.0841, 0.3243, 0.3213



11.4563, 0.5682, 0.2904



1.1345, 0.5362, 0.2728

Inverse Universe

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



58.7134, 0.3565, 0.3043



52.3668, 0.3691, 0.2990



80.9451, 0.2691, 0.3155



18.0841, 0.3243, 0.3213



11.4563, 0.5682, 0.2904



1.1345, 0.5362, 0.2728

Previews

White Background



This preview shows how the Yxy color 58.7155, 0.3565, 0.3043 looks on a white background.

Color Contrast Check

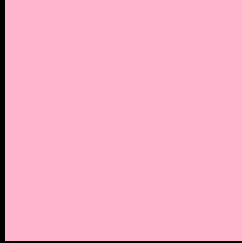
Large Text (above 18pt) WCAG AA × Fail

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 58.7155, 0.3565, 0.3043 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 58.7155, 0.3565, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 58.7155, 0.3565, 0.3043.



This preview shows how white text looks on a background with the Yxy color 58.7155, 0.3565, 0.3043.

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

58.7155, 0.3565, 0.3043

Protanopia

59.2005, 0.3014, 0.3104

Deuteranopia

58.6666, 0.3284, 0.3211



Tritanopia

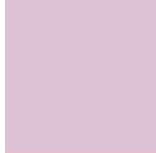
58.5123, 0.3632, 0.3145

Trichromacy



Original Color

58.7155, 0.3565, 0.3043



Protanomaly

58.7598, 0.3201, 0.3077



Deuteranomaly

58.4623, 0.3381, 0.3148



Tritanomaly

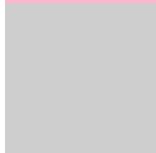
58.6502, 0.3606, 0.3114

Monochromacy



Original Color

58.7155, 0.3565, 0.3043



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

60.2360, 0.3275, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7155, 0.3565, 0.3043 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, 181, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 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(255, 181, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 205) }
```

Border

The CSS property to change the border of an element to Yxy 58.7155, 0.3565, 0.3043 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, 181, 205) }
```

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

```
.border{ border-color:rgb(255, 181, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7155, 0.3565, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 205) }
```

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

```
.background{ background-color: rgb(255,  
181, 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](#).

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