

Converting Colors

$Y_{xy}(59.8785, 0.3543, 0.3050)$

Have a look what the booklet for
Yxy(59.8785, 0.3543, 0.3050)
contains.

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Color

Yxy(60.0460, 0.3542, 0.3054)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFB8CF |
| RGB | 255, 184, 207 |
| RGB Percent | 100%, 72%, 81% |
| CMY | 0.0000, 0.2784, 0.1884 |
| CMYK | 0.00, 0.28, 0.19, 0.00 |
| HSL | 341°, 100%, 86% |
| HSV | 341°, 28%, 100% |
| XYZ | 69.6408, 60.0460, 66.9275 |
| YIQ | 207.8510, 34.9330, 22.2050 |

Conversions

Conversions Part 2

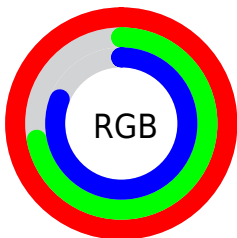
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 255, 184, 207 |
| Decimal | 16758991 |
| CIE Lab | 81.86, 28.94, -1.32 |
| CIE LCh | 82, 28.966, 357.386 |
| Yxy | 60.0460, 0.3542, 0.3054 |
| Android (android.graphics.Color) | 4294949071 (0xFFFFB8CF) |
| YUV | 207.8510, -0.4195, 41.3497 |
| Hunter-Lab | 77.4894, 24.8141, 3.0338 |

Details

The Yxy color **60.0460, 0.3542, 0.3054** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.5401, 0.2836, 0.3541**, and the grayscale version is **62.9605, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8002, 0.3134, 0.3146**, and **30.1355, 0.3643, 0.2986** is the 20% darker color. If you saturate the color by 10%, you get **49.5925, 0.3757, 0.2966**, and if you desaturate by 10%, it is **72.5044, 0.3365, 0.3142**.

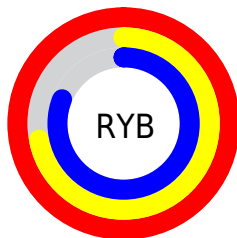
Distribution



Red (100%)

Green (72%)

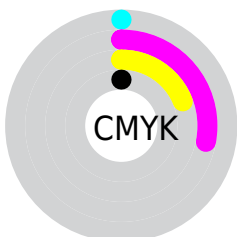
Blue (81%)



Red (100%)

Yellow (72%)

Blue (81%)

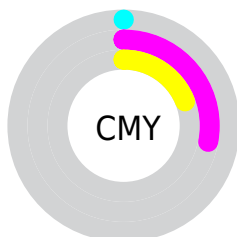


Cyan (0%)

Magenta (28%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 60.0460, 0.3542, 0.3054 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 60.0460, 0.3542, 0.3054 by changing the saturation by 10% instead.


 60.0460, 0.3542,
0.3054

 60.0460, 0.3542,
0.3054


424.7673, 0.3344,
0.3166

 43.4557, 0.3589,
0.3028


 104.8964, 0.3472,
0.3094

 30.2428, 0.3648,
0.2995


133.9253, 0.3445,
0.3109

 20.0230, 0.3724,
0.2952


167.8692, 0.3422,
0.3122

 12.4118, 0.3825,
0.2895

207.1125, 0.3402,
0.3133

 7.0247, 0.3968,
0.2816

252.0395, 0.3385,
0.3143

 3.4776, 0.4184,
0.2697


303.0347, 0.3370,

 1.3859, 0.4544,


0.3152

0.2502


360.4825, 0.3356,
0.3159

 0.2063, 0.6334,
0.1445

 0.0000, 0.0000,
0.0000


 60.0460, 0.3542,
0.3054


 60.0460, 0.3542,
0.3054

 49.5925, 0.3757,
0.2966

 72.5044, 0.3365,
0.3142

 41.0334, 0.4013,
0.2883

 87.0606, 0.3221,
0.3227

 34.2550, 0.4313,
0.2815

100.0000, 0.3127,
0.3290

 29.1293, 0.4650,
0.2773

■ 25.5108, 0.5006,
0.2770

■ 23.2285, 0.5356,
0.2815

■ 22.0544, 0.5665,
0.2907

■ 21.8762, 0.5727,
0.2929

Harmonies

Analogous

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



60.0460, 0.3174, 0.2821



60.0460, 0.3542, 0.3054



60.0460, 0.3802, 0.3349

Triad

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



60.0460, 0.3542, 0.3054



60.0460, 0.3417, 0.3959



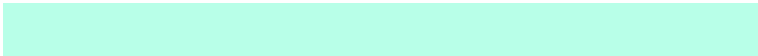
60.0460, 0.2438, 0.2872

Complementary

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



60.0460, 0.3542, 0.3054



87.5401, 0.2836, 0.3541

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.



60.0460, 0.2495, 0.3170



60.0460, 0.3542, 0.3054



60.0460, 0.3047, 0.3833

Square

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



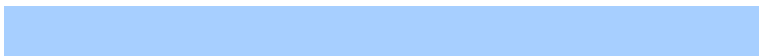
60.0460, 0.3542, 0.3054



60.0460, 0.3721, 0.3878



60.0460, 0.2712, 0.3532



60.0460, 0.2550, 0.2708

Rectangle

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



60.0460, 0.3542, 0.3054



60.0460, 0.3869, 0.3552



60.0460, 0.2712, 0.3532



60.0460, 0.2438, 0.2959

Sweetspot

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



60.0477, 0.3542, 0.3054



86.8105, 0.3223, 0.3226



58.5493, 0.2979, 0.2555



18.0839, 0.3243, 0.3213



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.



60.0477, 0.3542, 0.3054



54.4092, 0.3648, 0.3008



64.1289, 0.3706, 0.3415



18.0839, 0.3243, 0.3213



11.4549, 0.5684, 0.2905



1.1343, 0.5365, 0.2729

Inverse Universe

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



60.0477, 0.3542, 0.3054



54.4092, 0.3648, 0.3008



81.6132, 0.2708, 0.3161



18.0839, 0.3243, 0.3213



11.4549, 0.5684, 0.2905



1.1343, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 60.0460, 0.3542, 0.3054 looks on a white background.

Color Contrast Check

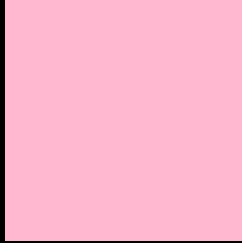
Large Text (above 18pt) WCAG AA × Fail

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 60.0460, 0.3542, 0.3054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

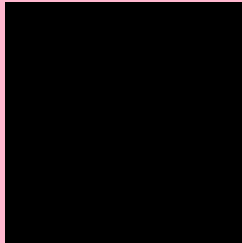
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.0460, 0.3542, 0.3054

Background



This preview shows how black text looks on a background with the Yxy color 60.0460, 0.3542, 0.3054.



This preview shows how white text looks on a background with the Yxy color 60.0460, 0.3542, 0.3054.

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

60.0460, 0.3542, 0.3054

Protanopia

60.4703, 0.3022, 0.3117

Deuteranopia

59.9801, 0.3282, 0.3212



Tritanopia

59.8923, 0.3599, 0.3146

Trichromacy



Original Color

60.0460, 0.3542, 0.3054



Protanomaly

59.8645, 0.3200, 0.3089



Deuteranomaly

59.7692, 0.3379, 0.3149



Tritanomaly

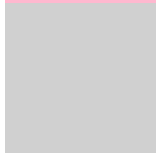
60.0330, 0.3574, 0.3115

Monochromacy



Original Color

60.0460, 0.3542, 0.3054



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

61.4085, 0.3266, 0.3190

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.0460, 0.3542, 0.3054 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, 184, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 207)  
}
```

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, 184, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 207) }
```

Border

The CSS property to change the border of an element to Yxy 60.0460, 0.3542, 0.3054 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, 184, 207) }
```

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

```
.border{ border-color:rgb(255, 184, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 60.0460, 0.3542, 0.3054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 207) }
```

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

```
.background{ background-color: rgb(255,  
184, 207) }
```

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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