

Converting Colors

$Y_{xy}(75.8767, 0.4382, 0.3098)$

Have a look what the booklet for
Yxy(75.8767, 0.4382, 0.3098)
contains.

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Color

Yxy(54.4170, 0.3657, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	FFABC5
RGB	255, 171, 197
RGB Percent	100%, 67%, 77%
CMY	0.0001, 0.3293, 0.2276
CMYK	0.00, 0.33, 0.23, 0.00
HSL	341°, 100%, 84%
HSV	341°, 33%, 100%
XYZ	65.8732, 54.4170, 59.8389
YIQ	199.0800, 41.7180, 25.8940

Conversions

Conversions Part 2

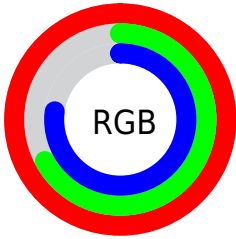
Format	Color
R_{YB}	255, 171, 197
Decimal	16755653
CIE _{Lab}	78.70, 34.27, -0.54
CIE _{LCh}	79, 34.276, 359.100
Yxy	54.4170, 0.3657, 0.3021
Android (android.graphics.Color)	4294945733 (0xFFFFABC5)
YUV	199.0800, -1.0254, 49.0418
Hunter-Lab	73.7679, 30.3031, 3.5428

Details

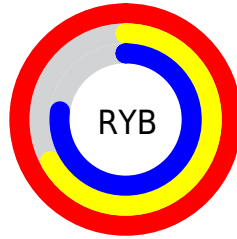
The Yxy color **54.4170, 0.3657, 0.3021** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.8267, 0.2782, 0.3580**, and the grayscale version is **57.1530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3539, 0.3146, 0.3028**, and **26.8104, 0.3803, 0.2959** is the 20% darker color. If you saturate the color by 10%, you get **44.9361, 0.3898, 0.2939**, and if you desaturate by 10%, it is **65.8553, 0.3457, 0.3106**.

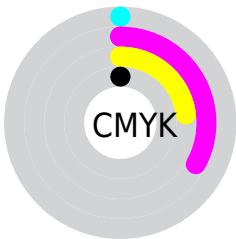
Distribution



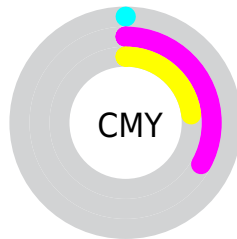
- Red (100%)
- Green (67%)
- Blue (77%)



- Red (100%)
- Yellow (67%)
- Blue (77%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.4170, 0.3657, 0.3021 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 54.4170, 0.3657, 0.3021 by changing the saturation by 10% instead.


 54.4170, 0.3657,
0.3021

 54.4170, 0.3657,
0.3021


403.6982, 0.3399,
0.3152

 38.9351, 0.3719,
0.2990


 96.6862, 0.3565,
0.3068

 26.7093, 0.3798,
0.2950


124.2424, 0.3530,
0.3085

 17.3550, 0.3900,
0.2898


156.5922, 0.3500,
0.3100

 10.4879, 0.4039,
0.2828

194.1199, 0.3474,
0.3114

 5.7236, 0.4238,
0.2729

237.2099, 0.3452,
0.3125

 2.6778, 0.4545,
0.2575

286.2467, 0.3432,

 0.9659, 0.5075,

0.3135

0.2312

341.6147, 0.3415,
0.3144

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

54.4170, 0.3657,
0.3021

54.4170, 0.3657,
0.3021

44.9361, 0.3898,
0.2939

65.8553, 0.3457,
0.3106

37.2944, 0.4184,
0.2866

79.3451, 0.3294,
0.3189

31.3730, 0.4512,
0.2813

94.9835, 0.3161,
0.3268

27.0356, 0.4870,
0.2792

99.9964, 0.3127,
0.3290

■ 24.1247, 0.5234,
0.2814

■ 22.4502, 0.5571,
0.2885

■ 21.8184, 0.5779,
0.2957

Harmonies

Analogous

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



54.4170, 0.3207, 0.2739



54.4170, 0.3657, 0.3021



54.4170, 0.3966, 0.3374

Triad

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



54.4170, 0.3657, 0.3021



54.4170, 0.3449, 0.4113



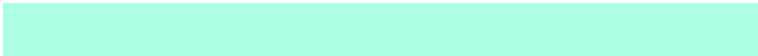
54.4170, 0.2299, 0.2761

Complementary

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



54.4170, 0.3657, 0.3021



85.8267, 0.2782, 0.3580

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.



54.4170, 0.2353, 0.3112



54.4170, 0.3657, 0.3021



54.4170, 0.2999, 0.3948

Square

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



54.4170, 0.3657, 0.3021



54.4170, 0.3830, 0.4014



54.4170, 0.2601, 0.3560



54.4170, 0.2443, 0.2581

Rectangle

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



54.4170, 0.3657, 0.3021



54.4170, 0.4037, 0.3617



54.4170, 0.2601, 0.3560



54.4170, 0.2295, 0.2861

Sweetspot

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



54.4196, 0.3657, 0.3021



83.7126, 0.3252, 0.3213



52.9102, 0.2955, 0.2416



17.4657, 0.3272, 0.3202



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.



54.4196, 0.3657, 0.3021



47.5255, 0.3823, 0.2962



59.4892, 0.3845, 0.3454



18.0795, 0.3245, 0.3217



11.4258, 0.5736, 0.2934



1.1311, 0.5416, 0.2757

Inverse Universe

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



54.4196, 0.3657, 0.3021



47.5255, 0.3823, 0.2962



77.9569, 0.2635, 0.3118



18.0795, 0.3245, 0.3217



11.4258, 0.5736, 0.2934



1.1311, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 54.4170, 0.3657, 0.3021 looks on a white background.

Color Contrast Check

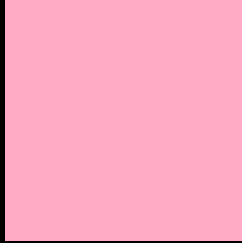
Large Text (above 18pt) WCAG AA × Fail

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 54.4170, 0.3657, 0.3021 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 54.4170, 0.3657, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 54.4170, 0.3657, 0.3021.



This preview shows how white text looks on a background with the Yxy color 54.4170, 0.3657, 0.3021.

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

54.4170, 0.3657, 0.3021

Protanopia

54.7561, 0.3004, 0.3086

Deuteranopia

54.5864, 0.3296, 0.3232



Tritanopia

54.5031, 0.3744, 0.3155

Trichromacy



Original Color

54.4170, 0.3657, 0.3021



Protanomaly

54.1730, 0.3221, 0.3060



Deuteranomaly

54.0540, 0.3426, 0.3144



Tritanomaly

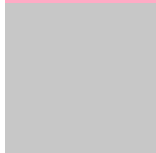
54.2936, 0.3710, 0.3103

Monochromacy



Original Color

54.4170, 0.3657, 0.3021



Achromatopsia

57.1125, 0.3127, 0.3290



Achromatomaly

55.5325, 0.3306, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.4170, 0.3657, 0.3021 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, 171, 197)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 197)  
}
```

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, 171, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 197) }
```

Border

The CSS property to change the border of an element to Yxy 54.4170, 0.3657, 0.3021 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, 171, 197) }
```

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

```
.border{ border-color:rgb(255, 171, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 197);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 54.4170, 0.3657, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 197) }
```

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

```
.background{ background-color: rgb(255,  
171, 197) }
```

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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