

Converting Colors

$Y_{xy}(58.4879, 0.3738, 0.3047)$

Have a look what the booklet for
Yxy(58.4879, 0.3738, 0.3047)
contains.

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Color

Yxy(56.0435, 0.3630, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFC7
RGB	255, 175, 199
RGB Percent	100%, 69%, 78%
CMY	0.0000, 0.3137, 0.2197
CMYK	0.00, 0.31, 0.22, 0.00
HSL	342°, 100%, 84%
HSV	342°, 31%, 100%
XYZ	66.8764, 56.0435, 61.3125
YIQ	201.6560, 39.9760, 24.4240

Conversions

Conversions Part 2

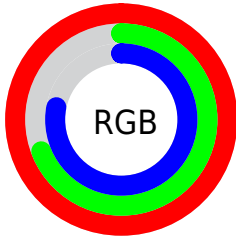
Format	Color
R _Y B	255, 175, 199
Decimal	16756679
CIE Lab	79.64, 32.48, -0.26
CIE LCh	80, 32.480, 359.539
Yxy	56.0435, 0.3630, 0.3042
Android (android.graphics.Color)	4294946759 (0xFFFFAFC7)
YUV	201.6560, -1.3094, 46.7827
Hunter-Lab	74.8622, 28.4499, 3.8447

Details

The Yxy color **56.0435, 0.3630, 0.3042** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.4056, 0.2793, 0.3556**, and the grayscale version is **58.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **27.8337, 0.3764, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **46.2576, 0.3868, 0.2961**, and if you desaturate by 10%, it is **67.8062, 0.3434, 0.3124**.

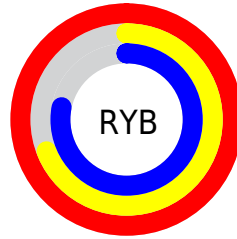
Distribution



Red (100%)

Green (69%)

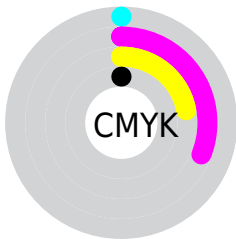
Blue (78%)



Red (100%)

Yellow (69%)

Blue (78%)

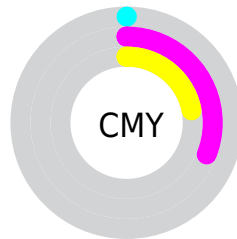


Cyan (0%)

Magenta (31%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.0435, 0.3630, 0.3042 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 56.0435, 0.3630, 0.3042 by changing the saturation by 10% instead.

 56.0435, 0.3630,
0.3042

 56.0435, 0.3630,
0.3042


409.8554, 0.3387,
0.3162

 40.2378, 0.3688,
0.3013


 99.0682, 0.3543,
0.3085

 27.7240, 0.3762,
0.2977


127.0559, 0.3510,
0.3101

 18.1177, 0.3858,
0.2930


159.8732, 0.3482,
0.3115

 11.0345, 0.3988,
0.2866

197.9043, 0.3458,
0.3127

 6.0901, 0.4172,
0.2775

241.5337, 0.3436,
0.3137

 2.8999, 0.4456,
0.2637

291.1457, 0.3418,

 1.0797, 0.4941,

0.3147

0.2400

347.1249, 0.3401,
0.3155

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.0435, 0.3630,
0.3042

56.0435, 0.3630,
0.3042

46.2576, 0.3868,
0.2961

67.8062, 0.3434,
0.3124

38.3314, 0.4151,
0.2889

81.6383, 0.3273,
0.3205

32.1478, 0.4478,
0.2834

97.6364, 0.3143,
0.3280

27.5728, 0.4839,
0.2809

99.9998, 0.3127,
0.3290

■ 24.4529, 0.5209,
0.2826

■ 22.6037, 0.5555,
0.2890

■ 21.7874, 0.5812,
0.2976

Harmonies

Analogous

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



56.0435, 0.3210, 0.2773



56.0435, 0.3630, 0.3042



56.0435, 0.3916, 0.3377

Triad

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



56.0435, 0.3630, 0.3042



56.0435, 0.3426, 0.4059



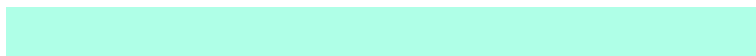
56.0435, 0.2347, 0.2790

Complementary

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



56.0435, 0.3630, 0.3042



86.4056, 0.2793, 0.3556

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.



56.0435, 0.2396, 0.3119



56.0435, 0.3630, 0.3042



56.0435, 0.3002, 0.3900

Square

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



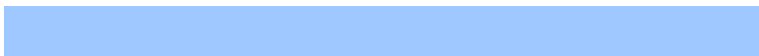
56.0435, 0.3630, 0.3042



56.0435, 0.3785, 0.3974



56.0435, 0.2629, 0.3538



56.0435, 0.2486, 0.2621

Rectangle

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



56.0435, 0.3630, 0.3042



56.0435, 0.3981, 0.3606



56.0435, 0.2629, 0.3538



56.0435, 0.2342, 0.2884

Sweetspot

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



56.0461, 0.3630, 0.3042



85.2291, 0.3240, 0.3223



54.8730, 0.2976, 0.2462



17.7674, 0.3260, 0.3212



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.



56.0461, 0.3630, 0.3042



49.3416, 0.3783, 0.2988



61.6202, 0.3796, 0.3459



18.0767, 0.3247, 0.3219



11.4073, 0.5770, 0.2952



1.1290, 0.5450, 0.2776

Inverse Universe

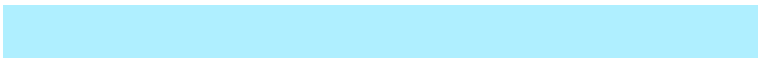
The Inverse Universe completely reimagines the original color for something new.



56.0461, 0.3630, 0.3042



49.3416, 0.3783, 0.2988



78.0687, 0.2655, 0.3112



18.0767, 0.3247, 0.3219



11.4073, 0.5770, 0.2952



1.1290, 0.5450, 0.2776

Previews

White Background



This preview shows how the Yxy color 56.0435, 0.3630, 0.3042 looks on a white background.

Color Contrast Check

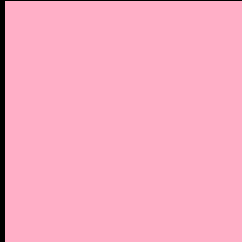
Large Text (above 18pt) WCAG AA × Fail

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 56.0435, 0.3630, 0.3042 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 56.0435, 0.3630, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 56.0435, 0.3630, 0.3042.



This preview shows how white text looks on a background with the Yxy color 56.0435, 0.3630, 0.3042.

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

56.0435, 0.3630, 0.3042

Protanopia

56.5563, 0.3019, 0.3112

Deuteranopia

55.9988, 0.3303, 0.3233



Tritanopia

56.2328, 0.3697, 0.3155

Trichromacy



Original Color

56.0435, 0.3630, 0.3042



Protanomaly

55.8056, 0.3227, 0.3085



Deuteranomaly

55.7181, 0.3421, 0.3157



Tritanomaly

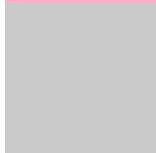
55.9718, 0.3673, 0.3113

Monochromacy



Original Color

56.0435, 0.3630, 0.3042



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.2885, 0.3295, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0435, 0.3630, 0.3042 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, 175, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 199)  
}
```

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, 175, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 199) }
```

Border

The CSS property to change the border of an element to Yxy 56.0435, 0.3630, 0.3042 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, 175, 199) }
```

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

```
.border{ border-color:rgb(255, 175, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0435, 0.3630, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 199) }
```

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

```
.background{ background-color: rgb(255,  
175, 199) }
```

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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