

Converting Colors

$Y_{xy}(54.9750, 0.3603, 0.3056)$

Have a look what the booklet for
Yxy(54.9750, 0.3603, 0.3056)
contains.

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Color

Yxy(55.0152, 0.3604, 0.3059)

Conversions

Conversions Part 1

Format	Color
Hex	FAAFC5
RGB	250, 175, 197
RGB Percent	98%, 69%, 77%
CMY	0.0198, 0.3136, 0.2275
CMYK	0.00, 0.30, 0.21, 0.02
HSL	342°, 88%, 83%
HSV	342°, 30%, 98%
XYZ	64.8169, 55.0152, 60.0149
YIQ	199.9330, 37.6380, 22.7420

Conversions

Conversions Part 2

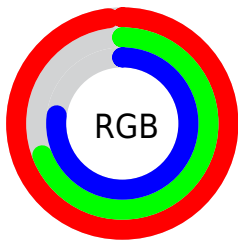
Format	Color
R _Y B	250, 175, 197
Decimal	16428997
CIE Lab	79.05, 30.40, -0.10
CIE LCh	79, 30.404, 359.806
Yxy	55.0152, 0.3604, 0.3059
Android (android.graphics.Color)	4294619077 (0xFFFAAFC5)
YUV	199.9330, -1.4460, 43.9088
Hunter-Lab	74.1722, 26.1843, 3.9473

Details

The Yxy color $55.0152, 0.3604, 0.3059$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.0585, 0.2804, 0.3536$, and the grayscale version is $57.7077, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.5676, 0.3144, 0.3068$, and $27.1087, 0.3731, 0.3005$ is the 20% darker color. If you saturate the color by 10%, you get $45.4067, 0.3838, 0.2980$, and if you desaturate by 10%, it is $66.5246, 0.3411, 0.3139$.

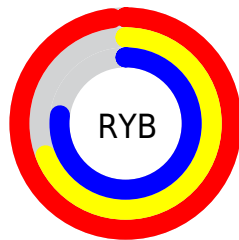
Distribution



Red (98%)

Green (69%)

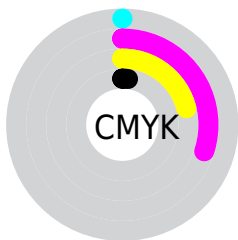
Blue (77%)



Red (98%)

Yellow (69%)

Blue (77%)

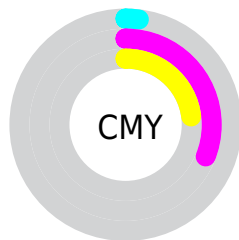


Cyan (0%)

Magenta (30%)

Yellow (21%)

Black (2%)



Cyan (2%)


Magenta (31%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0152, 0.3604, 0.3059 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 55.0152, 0.3604, 0.3059 by changing the saturation by 10% instead.


 55.0152, 0.3604,
0.3059

 55.0152, 0.3604,
0.3059


405.9695, 0.3372,
0.3171

 39.4139, 0.3660,
0.3032


 97.5632, 0.3521,
0.3099

 27.0819, 0.3730,
0.2998


125.2787, 0.3490,
0.3114

 17.6347, 0.3823,
0.2953


157.8011, 0.3463,
0.3127

 10.6881, 0.3947,
0.2893

195.5147, 0.3440,
0.3139

 5.8575, 0.4126,
0.2806

238.8040, 0.3420,
0.3148

 2.7586, 0.4403,
0.2672

288.0533, 0.3402,

 1.0070, 0.4883,

0.3157

0.2441

343.6470, 0.3386,
0.3165

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.0152, 0.3604,
0.3059

55.0152, 0.3604,
0.3059

45.4067, 0.3838,
0.2980

66.5246, 0.3411,
0.3139

37.5886, 0.4118,
0.2907

80.0220, 0.3254,
0.3217

31.4508, 0.4442,
0.2851

95.5987, 0.3127,
0.3290

26.8680, 0.4802,
0.2822

99.0545, 0.3096,
0.3290

■ 23.6968, 0.5176,
0.2833

■ 21.7670, 0.5530,
0.2891

■ 20.8008, 0.5832,
0.2987

■ 20.7986, 0.5833,
0.2987

Harmonies

Analogous

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



55.0152, 0.3210, 0.2802



55.0152, 0.3604, 0.3059



55.0152, 0.3871, 0.3378

Triad

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



55.0152, 0.3604, 0.3059



55.0152, 0.3407, 0.4012



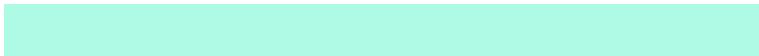
55.0152, 0.2389, 0.2818

Complementary

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



55.0152, 0.3604, 0.3059



83.0585, 0.2804, 0.3536

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.



55.0152, 0.2435, 0.3128



55.0152, 0.3604, 0.3059



55.0152, 0.3007, 0.3860

Square

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



55.0152, 0.3604, 0.3059



55.0152, 0.3746, 0.3938



55.0152, 0.2655, 0.3520



55.0152, 0.2523, 0.2657

Rectangle

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



55.0152, 0.3604, 0.3059



55.0152, 0.3931, 0.3594



55.0152, 0.2655, 0.3520



55.0152, 0.2384, 0.2906

Sweetspot

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



55.0178, 0.3604, 0.3059



85.2200, 0.3241, 0.3224



53.9798, 0.2985, 0.2501



17.7652, 0.3261, 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.



55.0178, 0.3604, 0.3059



51.2474, 0.3741, 0.3010



60.2449, 0.3756, 0.3451



17.3089, 0.3248, 0.3221



11.0591, 0.5791, 0.2964



1.0419, 0.5455, 0.2778

Inverse Universe

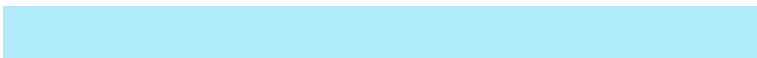
The Inverse Universe completely reimagines the original color for something new.



55.0178, 0.3604, 0.3059



51.2474, 0.3741, 0.3010



75.4136, 0.2675, 0.3121



17.3089, 0.3248, 0.3221



11.0591, 0.5791, 0.2964



1.0419, 0.5455, 0.2778

Previews

White Background



This preview shows how the Yxy color 55.0152, 0.3604, 0.3059 looks on a white background.

Color Contrast Check

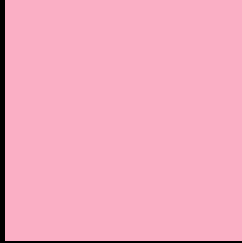
Large Text (above 18pt) WCAG AA × Fail

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 55.0152, 0.3604, 0.3059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

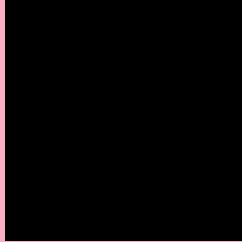
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0152, 0.3604, 0.3059

Background



This preview shows how black text looks on a background with the Yxy color 55.0152, 0.3604, 0.3059.



This preview shows how white text looks on a background with the Yxy color 55.0152, 0.3604, 0.3059.

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

55.0152, 0.3604, 0.3059

Protanopia

55.3694, 0.3033, 0.3122

Deuteranopia

55.3209, 0.3311, 0.3244



Tritanopia

54.9081, 0.3656, 0.3142

Trichromacy



Original Color

55.0152, 0.3604, 0.3059

Protanomaly

54.9731, 0.3227, 0.3095

Deuteranomaly

55.1320, 0.3412, 0.3178

Tritanomaly

55.0407, 0.3629, 0.3111

Monochromacy



Original Color

55.0152, 0.3604, 0.3059

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.2906, 0.3287, 0.3198

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0152, 0.3604, 0.3059 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(250, 175, 197)` looks like.

```
.text, #text, p{  
    color:rgb(250, 175, 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(250, 175, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 175, 197) }
```

Border

The CSS property to change the border of an element to Yxy 55.0152, 0.3604, 0.3059 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(250, 175, 197) }
```

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

```
.border{ border-color:rgb(250, 175, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 175, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 175, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 175, 197);  
box-shadow:4px 4px 4px 4px rgb(250, 175,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0152, 0.3604, 0.3059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 175, 197) }
```

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

```
.background{ background-color: rgb(250,  
175, 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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