

Converting Colors

$Y_{xy}(56.1631, 0.3574, 0.3023)$

Have a look what the booklet for
Yxy(56.1631, 0.3574, 0.3023)
contains.

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Color

Yxy(56.0104, 0.3575, 0.3019)

Conversions

Conversions Part 1

Format	Color
Hex	FCB0CA
RGB	252, 176, 202
RGB Percent	99%, 69%, 79%
CMY	0.0118, 0.3097, 0.2079
CMYK	0.00, 0.30, 0.20, 0.01
HSL	339°, 93%, 84%
HSV	339°, 30%, 99%
XYZ	66.3257, 56.0104, 63.1903
YIQ	201.6880, 36.9500, 24.1980

Conversions

Conversions Part 2

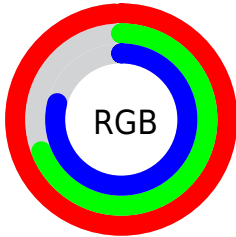
Format	Color
R_{YB}	252, 176, 202
Decimal	16560330
CIE _{Lab}	79.62, 31.34, -1.96
CIE _{LCh}	80, 31.398, 356.416
Yxy	56.0104, 0.3575, 0.3019
Android (android.graphics.Color)	4294750410 (0xFFFCB0CA)
YUV	201.6880, 0.1538, 44.1236
Hunter-Lab	74.8401, 27.2222, 2.3273

Details

The Yxy color **56.0104, 0.3575, 0.3019** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.3327, 0.2821, 0.3581**, and the grayscale version is **58.8413, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **27.7734, 0.3689, 0.2955** is the 20% darker color. If you saturate the color by 10%, you get **46.2870, 0.3792, 0.2926**, and if you desaturate by 10%, it is **67.6573, 0.3396, 0.3113**.

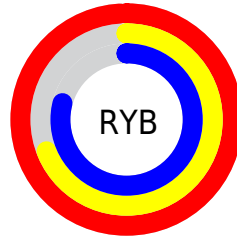
Distribution



Red (99%)

Green (69%)

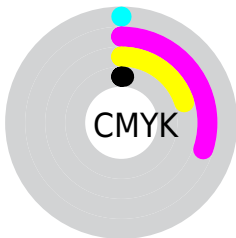
Blue (79%)



Red (99%)

Yellow (69%)

Blue (79%)

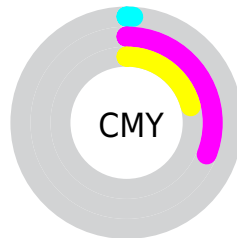


Cyan (0%)

Magenta (30%)

Yellow (20%)

Black (1%)



Cyan (1%)


Magenta (31%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0104, 0.3575, 0.3019 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 56.0104, 0.3575, 0.3019 by changing the saturation by 10% instead.


 56.0104, 0.3575,
0.3019

 56.0104, 0.3575,
0.3019


409.7307, 0.3359,
0.3149

 40.2113, 0.3627,
0.2988


 99.0198, 0.3498,
0.3065

 27.7033, 0.3692,
0.2949


126.9988, 0.3469,
0.3083

 18.1021, 0.3777,
0.2899


159.8066, 0.3444,
0.3098

 11.0233, 0.3891,
0.2832

197.8275, 0.3422,
0.3111

 6.0825, 0.4054,
0.2737

241.4460, 0.3403,
0.3122

 2.8953, 0.4303,
0.2593

291.0465, 0.3387,

 1.0773, 0.4730,

0.3132

347.0132, 0.3372,
0.3141

0.2352

0.0000, 0.8880,
0.0000

0.0000, 0.0000,
0.0000

56.0104, 0.3575,
0.3019

56.0104, 0.3575,
0.3019

46.2870, 0.3792,
0.2926

67.6573, 0.3396,
0.3113

38.3751, 0.4050,
0.2841

81.3164, 0.3249,
0.3203

32.1629, 0.4349,
0.2774

97.0799, 0.3129,
0.3289

27.5230, 0.4680,
0.2735

99.4322, 0.3109,
0.3290

■ 24.3097, 0.5027,
0.2739

■ 22.3496, 0.5362,
0.2793

■ 21.3670, 0.5656,
0.2889

Harmonies

Analogous

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



56.0104, 0.3163, 0.2767



56.0104, 0.3575, 0.3019



56.0104, 0.3870, 0.3341

Triad

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



56.0104, 0.3575, 0.3019



56.0104, 0.3458, 0.4035



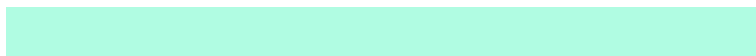
56.0104, 0.2367, 0.2834

Complementary

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



56.0104, 0.3575, 0.3019



84.3327, 0.2821, 0.3581

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.



56.0104, 0.2434, 0.3166



56.0104, 0.3575, 0.3019



56.0104, 0.3049, 0.3906

Square

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



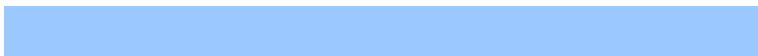
56.0104, 0.3575, 0.3019



56.0104, 0.3792, 0.3933



56.0104, 0.2678, 0.3571



56.0104, 0.2484, 0.2651

Rectangle

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



56.0104, 0.3575, 0.3019



56.0104, 0.3950, 0.3564



56.0104, 0.2678, 0.3571



56.0104, 0.2369, 0.2930

Sweetspot

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



56.0130, 0.3575, 0.3019



85.2867, 0.3234, 0.3213



54.1548, 0.2954, 0.2489



17.7815, 0.3253, 0.3201



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.



56.0130, 0.3575, 0.3019



51.4474, 0.3698, 0.2964



59.5424, 0.3773, 0.3413



17.3232, 0.3240, 0.3209



11.1568, 0.5612, 0.2865



1.0523, 0.5279, 0.2682

Inverse Universe

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



56.0130, 0.3575, 0.3019



51.4474, 0.3698, 0.2964



78.9256, 0.2677, 0.3163



17.3232, 0.3240, 0.3209



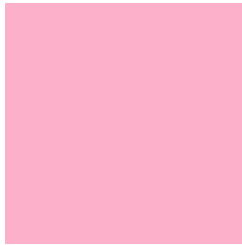
11.1568, 0.5612, 0.2865



1.0523, 0.5279, 0.2682

Previews

White Background



This preview shows how the Yxy color 56.0104, 0.3575, 0.3019 looks on a white background.

Color Contrast Check

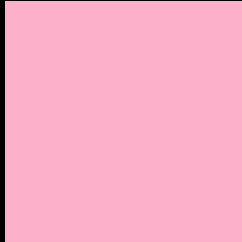
Large Text (above 18pt) WCAG AA × Fail

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 56.0104, 0.3575, 0.3019 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 56.0104, 0.3575, 0.3019

Background



This preview shows how black text looks on a background with the Yxy color 56.0104, 0.3575, 0.3019.



This preview shows how white text looks on a background with the Yxy color 56.0104, 0.3575, 0.3019.

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

56.0104, 0.3575, 0.3019

Protanopia

56.0707, 0.2998, 0.3076

Deuteranopia

55.9841, 0.3271, 0.3198



Tritanopia

56.1116, 0.3660, 0.3154

Trichromacy



Original Color

56.0104, 0.3575, 0.3019



Protanomaly

55.6473, 0.3187, 0.3050



Deuteranomaly

55.9460, 0.3378, 0.3134



Tritanomaly

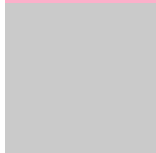
55.8936, 0.3626, 0.3101

Monochromacy



Original Color

56.0104, 0.3575, 0.3019



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

57.6198, 0.3278, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0104, 0.3575, 0.3019 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(252, 176, 202)` looks like.

```
.text, #text, p{  
    color:rgb(252, 176, 202)  
}
```

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(252, 176, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 176, 202) }
```

Border

The CSS property to change the border of an element to Yxy 56.0104, 0.3575, 0.3019 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(252, 176, 202) }
```

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

```
.border{ border-color:rgb(252, 176, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 176, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 176, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 176, 202);  
box-shadow:4px 4px 4px 4px rgb(252, 176,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0104, 0.3575, 0.3019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 176, 202) }
```

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

```
.background{ background-color: rgb(252,  
176, 202) }
```

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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