

Converting Colors

$Yxy(71.8434, 0.4214, 0.3095)$

Have a look what the booklet for
Yxy(71.8434, 0.4214, 0.3095)
contains.

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Color

Yxy(55.6556, 0.3632, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC7
RGB	255, 174, 199
RGB Percent	100%, 68%, 78%
CMY	0.0000, 0.3177, 0.2195
CMYK	0.00, 0.32, 0.22, 0.00
HSL	341°, 100%, 84%
HSV	341°, 32%, 100%
XYZ	66.6912, 55.6556, 61.2744
YIQ	201.0690, 40.2510, 24.9470

Conversions

Conversions Part 2

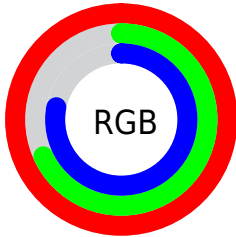
Format	Color
R _Y B	255, 174, 199
Decimal	16756423
CIE Lab	79.42, 33.02, -0.61
CIE LCh	79, 33.028, 358.944
Yxy	55.6556, 0.3632, 0.3031
Android (android.graphics.Color)	4294946503 (0xFFFFAEC7)
YUV	201.0690, -1.0200, 47.2975
Hunter-Lab	74.6027, 29.0158, 3.5244

Details

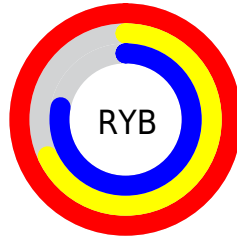
The Yxy color **55.6556, 0.3632, 0.3031** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **86.2298, 0.2793, 0.3568**, and the grayscale version is **58.4406, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **27.5894, 0.3767, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **45.9485, 0.3868, 0.2948**, and if you desaturate by 10%, it is **67.3267, 0.3437, 0.3116**.

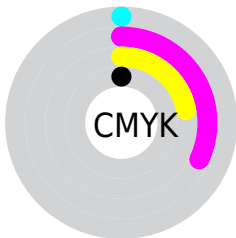
Distribution



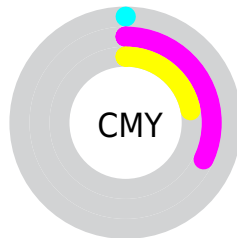
- Red (100%)
- Green (68%)
- Blue (78%)



- Red (100%)
- Yellow (68%)
- Blue (78%)



- Cyan (0%)
- Magenta (32%)
- Yellow (22%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6556, 0.3632, 0.3031 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 55.6556, 0.3632, 0.3031 by changing the saturation by 10% instead.


 55.6556, 0.3632,
0.3031

 55.6556, 0.3632,
0.3031


408.3923, 0.3387,
0.3156

 39.9269, 0.3691,
0.3001


 98.5008, 0.3545,
0.3076

 27.4815, 0.3765,
0.2963


126.3862, 0.3512,
0.3093

 17.9352, 0.3861,
0.2914


159.0924, 0.3483,
0.3107

 10.9035, 0.3992,
0.2848

197.0041, 0.3459,
0.3120

 6.0020, 0.4178,
0.2754

240.5055, 0.3438,
0.3131

 2.8463, 0.4463,
0.2610

289.9811, 0.3419,

 1.0520, 0.4953,

0.3140

0.2364

345.8152, 0.3402,
0.3149

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6556, 0.3632,
0.3031

55.6556, 0.3632,
0.3031

45.9485, 0.3868,
0.2948

67.3267, 0.3437,
0.3116

38.0973, 0.4149,
0.2874

81.0640, 0.3277,
0.3199

31.9816, 0.4472,
0.2818

96.9609, 0.3147,
0.3277

27.4670, 0.4828,
0.2792

100.0000, 0.3127,
0.3290

■ 24.3989, 0.5193,
0.2809

■ 22.5918, 0.5535,
0.2875

■ 21.8214, 0.5779,
0.2957

Harmonies

Analogous

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



55.6556, 0.3202, 0.2760



55.6556, 0.3632, 0.3031



55.6556, 0.3928, 0.3371

Triad

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



55.6556, 0.3632, 0.3031



55.6556, 0.3439, 0.4075



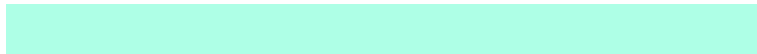
55.6556, 0.2332, 0.2786

Complementary

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



55.6556, 0.3632, 0.3031



86.2298, 0.2793, 0.3568

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.



55.6556, 0.2386, 0.3123



55.6556, 0.3632, 0.3031



55.6556, 0.3008, 0.3919

Square

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



55.6556, 0.3632, 0.3031



55.6556, 0.3803, 0.3983



55.6556, 0.2626, 0.3551



55.6556, 0.2470, 0.2610

Rectangle

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



55.6556, 0.3632, 0.3031



55.6556, 0.3997, 0.3604



55.6556, 0.2626, 0.3551



55.6556, 0.2328, 0.2882

Sweetspot

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



55.6551, 0.3632, 0.3031



83.7123, 0.3252, 0.3213



54.2059, 0.2963, 0.2448



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.



55.6551, 0.3632, 0.3031



49.3804, 0.3774, 0.2979



60.6451, 0.3811, 0.3448



18.0795, 0.3245, 0.3217



11.4255, 0.5737, 0.2934



1.1311, 0.5416, 0.2757

Inverse Universe

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



55.6551, 0.3632, 0.3031



49.3804, 0.3774, 0.2979



78.6263, 0.2651, 0.3125



18.0795, 0.3245, 0.3217



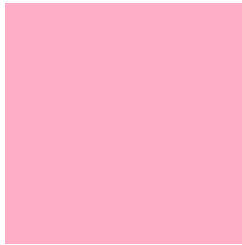
11.4255, 0.5737, 0.2934



1.1311, 0.5416, 0.2757

Previews

White Background



This preview shows how the Yxy color 55.6556, 0.3632, 0.3031 looks on a white background.

Color Contrast Check

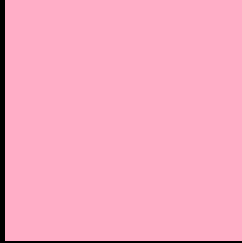
Large Text (above 18pt) WCAG AA × Fail

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 55.6556, 0.3632, 0.3031 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 55.6556, 0.3632, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 55.6556, 0.3632, 0.3031.



This preview shows how white text looks on a background with the Yxy color 55.6556, 0.3632, 0.3031.

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

55.6556, 0.3632, 0.3031

Protanopia

55.9691, 0.3012, 0.3099

Deuteranopia

55.8461, 0.3294, 0.3233



Tritanopia

55.7956, 0.3709, 0.3155

Trichromacy



Original Color

55.6556, 0.3632, 0.3031



Protanomaly

55.2231, 0.3219, 0.3073



Deuteranomaly

55.5521, 0.3413, 0.3157



Tritanomaly

55.5810, 0.3675, 0.3103

Monochromacy



Original Color

55.6556, 0.3632, 0.3031



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

56.8039, 0.3304, 0.3188

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6556, 0.3632, 0.3031 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, 174, 199)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 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, 174, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 199) }
```

Border

The CSS property to change the border of an element to Yxy 55.6556, 0.3632, 0.3031 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, 174, 199) }
```

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

```
.border{ border-color:rgb(255, 174, 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, 174, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 199);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6556, 0.3632, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 199) }
```

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

```
.background{ background-color: rgb(255,  
174, 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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