

Converting Colors

$Y_{xy}(76.8109, 0.4416, 0.3176)$

Have a look what the booklet for
Yxy(76.8109, 0.4416, 0.3176)
contains.

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Color

Yxy(55.6815, 0.3702, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFBF
RGB	255, 175, 191
RGB Percent	100%, 69%, 75%
CMY	0.0000, 0.3138, 0.2509
CMYK	0.00, 0.31, 0.25, 0.00
HSL	348°, 100%, 84%
HSV	348°, 31%, 100%
XYZ	65.9836, 55.6815, 56.5727
YIQ	200.7440, 42.5440, 21.9360

Conversions

Conversions Part 2

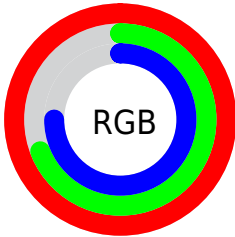
Format	Color
R_{YB}	255, 175, 191
Decimal	16756671
CIE _{Lab}	79.43, 31.38, 3.75
CIE _{LCh}	79, 31.605, 6.820
Yxy	55.6815, 0.3702, 0.3124
Android (android.graphics.Color)	4294946751 (0xFFFFAFBF)
YUV	200.7440, -4.8038, 47.5825
Hunter-Lab	74.6200, 27.2557, 7.2837

Details

The Yxy color **55.6815, 0.3702, 0.3124** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.8628, 0.2753, 0.3466**, and the grayscale version is **58.2493, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.1272, 0.3189, 0.3134**, and **27.6244, 0.3852, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **45.8365, 0.3978, 0.3071**, and if you desaturate by 10%, it is **67.5198, 0.3476, 0.3179**.

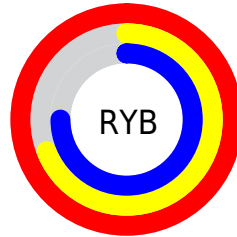
Distribution



Red (100%)

Green (69%)

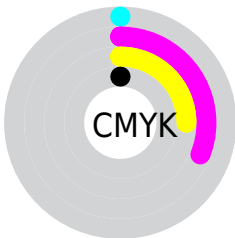
Blue (75%)



Red (100%)

Yellow (69%)

Blue (75%)

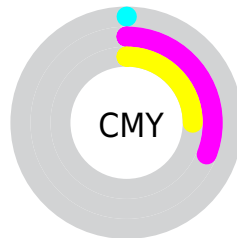


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.6815, 0.3702, 0.3124 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 55.6815, 0.3702, 0.3124 by changing the saturation by 10% instead.

 55.6815, 0.3702,
0.3124

 55.6815, 0.3702,
0.3124

408.4901, 0.3422,
0.3207

 39.9476, 0.3770,
0.3103


 98.5387, 0.3602,
0.3154

 27.4977, 0.3855,
0.3077


126.4309, 0.3564,
0.3166

 17.9474, 0.3967,
0.3041


159.1446, 0.3531,
0.3175

 10.9122, 0.4118,
0.2992

197.0642, 0.3503,
0.3184

 6.0078, 0.4335,
0.2920

240.5742, 0.3479,
0.3191

 2.8498, 0.4670,
0.2805

290.0589, 0.3458,

 1.0538, 0.5250,

0.3197

0.2596

345.9027, 0.3439,
0.3202

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.6815, 0.3702,
0.3124

55.6815, 0.3702,
0.3124

45.8365, 0.3978,
0.3071

67.5198, 0.3476,
0.3179

37.8826, 0.4308,
0.3024

81.4623, 0.3293,
0.3233

31.6951, 0.4689,
0.2992

97.6014, 0.3145,
0.3283

27.1379, 0.5103,
0.2984

100.0000, 0.3127,
0.3290

■ 24.0549, 0.5516,
0.3010

■ 22.2592, 0.5876,
0.3071

■ 21.4999, 0.6114,
0.3142

Harmonies

Analogous

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



55.6815, 0.3312, 0.2840



55.6815, 0.3702, 0.3124



55.6815, 0.3932, 0.3459

Triad

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



55.6815, 0.3702, 0.3124



55.6815, 0.3320, 0.4024



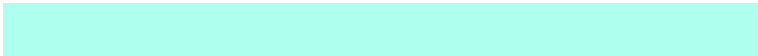
55.6815, 0.2381, 0.2747

Complementary

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



55.6815, 0.3702, 0.3124



86.8628, 0.2753, 0.3466

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.



55.6815, 0.2384, 0.3034



55.6815, 0.3702, 0.3124



55.6815, 0.2909, 0.3812

Square

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



55.6815, 0.3702, 0.3124



55.6815, 0.3696, 0.3997



55.6815, 0.2571, 0.3432



55.6815, 0.2560, 0.2621

Rectangle

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



55.6815, 0.3702, 0.3124



55.6815, 0.3955, 0.3678



55.6815, 0.2571, 0.3432



55.6815, 0.2361, 0.2826

Sweetspot

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



55.6786, 0.3702, 0.3124



85.0953, 0.3255, 0.3245



55.9951, 0.3028, 0.2474



17.7346, 0.3278, 0.3238



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.



55.6786, 0.3702, 0.3124



48.9429, 0.3879, 0.3088



64.5874, 0.3774, 0.3528



18.0466, 0.3263, 0.3243



11.2509, 0.6079, 0.3122



1.1101, 0.5781, 0.2958

Inverse Universe

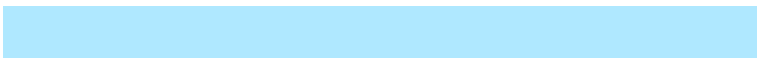
The Inverse Universe completely reimagines the original color for something new.



55.6786, 0.3702, 0.3124



48.9429, 0.3879, 0.3088



74.2323, 0.2646, 0.3037



18.0466, 0.3263, 0.3243



11.2509, 0.6079, 0.3122



1.1101, 0.5781, 0.2958

Previews

White Background



This preview shows how the Yxy color 55.6815, 0.3702, 0.3124 looks on a white background.

Color Contrast Check

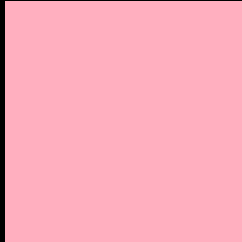
Large Text (above 18pt) WCAG AA × Fail

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 55.6815, 0.3702, 0.3124 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 55.6815, 0.3702, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 55.6815, 0.3702, 0.3124.



This preview shows how white text looks on a background with the Yxy color 55.6815, 0.3702, 0.3124.

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

55.6815, 0.3702, 0.3124

Protanopia

55.9338, 0.3100, 0.3206

Deuteranopia

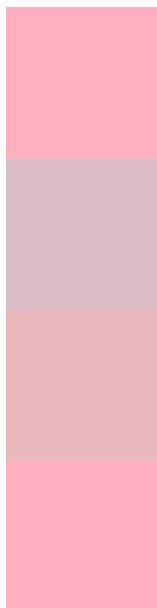
56.1081, 0.3392, 0.3325



Tritanopia

55.5941, 0.3720, 0.3145

Trichromacy



Original Color

55.6815, 0.3702, 0.3124

Protanomaly

55.1500, 0.3299, 0.3164

Deuteranomaly

55.6957, 0.3505, 0.3246

Tritanomaly

55.6376, 0.3711, 0.3135

Monochromacy



Original Color

55.6815, 0.3702, 0.3124

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.1026, 0.3327, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.6815, 0.3702, 0.3124 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 191) }
```

Border

The CSS property to change the border of an element to Yxy 55.6815, 0.3702, 0.3124 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, 191) }
```

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

```
.border{ border-color:rgb(255, 175, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 55.6815, 0.3702, 0.3124 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
175, 191) }
```

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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