

Converting Colors

$Y_{xy}(83.0985, 0.4586, 0.3196)$

Have a look what the booklet for
Yxy(83.0985, 0.4586, 0.3196)
contains.

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Color

Yxy(55.5941, 0.3720, 0.3145)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFBD
RGB	255, 175, 189
RGB Percent	100%, 69%, 74%
CMY	0.0000, 0.3137, 0.2588
CMYK	0.00, 0.31, 0.26, 0.00
HSL	349°, 100%, 84%
HSV	349°, 31%, 100%
XYZ	65.7584, 55.5941, 55.4173
YIQ	200.5160, 43.1860, 21.3140

Conversions

Conversions Part 2

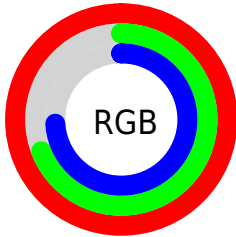
Format	Color
R _Y B	255, 175, 189
Decimal	16756669
CIE Lab	79.38, 31.09, 4.77
CIE LCh	79, 31.456, 8.721
Yxy	55.5941, 0.3720, 0.3145
Android (android.graphics.Color)	4294946749 (0xFFFFAFBD)
YUV	200.5160, -5.6774, 47.7825
Hunter-Lab	74.5615, 26.9429, 8.1261

Details

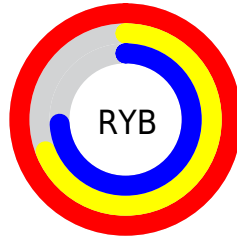
The Yxy color **55.5941, 0.3720, 0.3145** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.9842, 0.2744, 0.3443**, and the grayscale version is **58.1102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0044, 0.3202, 0.3154**, and **27.5670, 0.3877, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **45.7405, 0.4006, 0.3098**, and if you desaturate by 10%, it is **67.4569, 0.3486, 0.3193**.

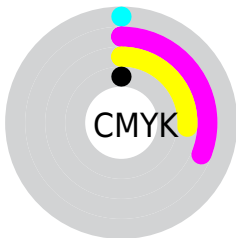
Distribution



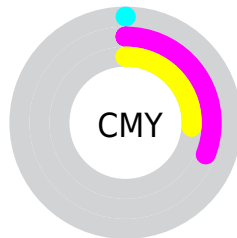
- Red (100%)
- Green (69%)
- Blue (74%)



- Red (100%)
- Yellow (69%)
- Blue (74%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5941, 0.3720, 0.3145 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 55.5941, 0.3720, 0.3145 by changing the saturation by 10% instead.

 55.5941, 0.3720,
0.3145

 55.5941, 0.3720,
0.3145

408.1600, 0.3431,
0.3219

 39.8776, 0.3790,
0.3126


 98.4109, 0.3617,
0.3172

 27.4431, 0.3879,
0.3102


126.2799, 0.3577,
0.3182

 17.9063, 0.3994,
0.3070


158.9685, 0.3544,
0.3191

 10.8827, 0.4151,
0.3025

196.8612, 0.3515,
0.3198

 5.9880, 0.4376,
0.2958

240.3423, 0.3490,
0.3204

 2.8378, 0.4723,
0.2848

289.7962, 0.3468,

 1.0477, 0.5333,

0.3210

0.2650

345.6073, 0.3448,
0.3215

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.5941, 0.3720,
0.3145

55.5941, 0.3720,
0.3145

45.7405, 0.4006,
0.3098

67.4569, 0.3486,
0.3193

37.7807, 0.4348,
0.3058

81.4278, 0.3298,
0.3240

31.5938, 0.4742,
0.3032

97.6037, 0.3146,
0.3284

27.0428, 0.5168,
0.3027

100.0000, 0.3127,
0.3290

■ 23.9711, 0.5588,
0.3053

■ 22.1907, 0.5947,
0.3111

■ 21.4469, 0.6175,
0.3175

Harmonies

Analogous

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



55.5941, 0.3339, 0.2857



55.5941, 0.3720, 0.3145



55.5941, 0.3936, 0.3480

Triad

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



55.5941, 0.3720, 0.3145



55.5941, 0.3294, 0.4015



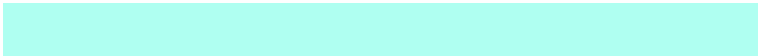
55.5941, 0.2390, 0.2736

Complementary

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



55.5941, 0.3720, 0.3145



86.9842, 0.2744, 0.3443

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.



55.5941, 0.2381, 0.3013



55.5941, 0.3720, 0.3145



55.5941, 0.2885, 0.3790

Square

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



55.5941, 0.3720, 0.3145



55.5941, 0.3673, 0.4003



55.5941, 0.2556, 0.3405



55.5941, 0.2579, 0.2622

Rectangle

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



55.5941, 0.3720, 0.3145



55.5941, 0.3948, 0.3696



55.5941, 0.2556, 0.3405



55.5941, 0.2366, 0.2812

Sweetspot

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



55.5954, 0.3720, 0.3145



85.0616, 0.3258, 0.3251



56.4643, 0.3049, 0.2479



17.7264, 0.3282, 0.3244



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.



55.5954, 0.3720, 0.3145



48.8459, 0.3903, 0.3114



65.8189, 0.3766, 0.3556



18.0390, 0.3267, 0.3249



11.2215, 0.6142, 0.3157



1.1062, 0.5857, 0.3000

Inverse Universe

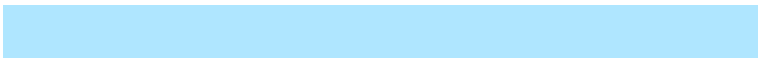
The Inverse Universe completely reimagines the original color for something new.



55.5954, 0.3720, 0.3145



48.8459, 0.3903, 0.3114



72.7427, 0.2642, 0.3006



18.0390, 0.3267, 0.3249



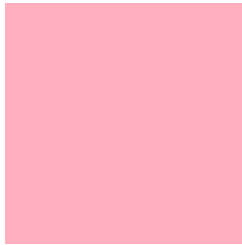
11.2215, 0.6142, 0.3157



1.1062, 0.5857, 0.3000

Previews

White Background



This preview shows how the Yxy color 55.5941, 0.3720, 0.3145 looks on a white background.

Color Contrast Check

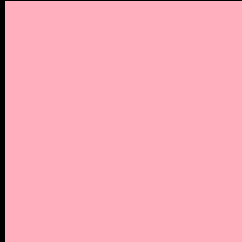
Large Text (above 18pt) WCAG AA × Fail

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 55.5941, 0.3720, 0.3145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

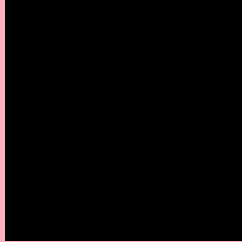
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5941, 0.3720, 0.3145

Background



This preview shows how black text looks on a background with the Yxy color 55.5941, 0.3720, 0.3145.



This preview shows how white text looks on a background with the Yxy color 55.5941, 0.3720, 0.3145.

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

55.5941, 0.3720, 0.3145

Protanopia

55.8390, 0.3114, 0.3230

Deuteranopia

55.5877, 0.3409, 0.3337



Tritanopia

55.5508, 0.3729, 0.3156

Trichromacy



Original Color

55.5941, 0.3720, 0.3145



Protanomaly

55.0577, 0.3315, 0.3187



Deuteranomaly

55.6094, 0.3522, 0.3269



Tritanomaly

55.5508, 0.3729, 0.3156

Monochromacy



Original Color

55.5941, 0.3720, 0.3145



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 55.5941, 0.3720, 0.3145 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 189) }
```

Border

The CSS property to change the border of an element to Yxy 55.5941, 0.3720, 0.3145 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, 189) }
```

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

```
.border{ border-color:rgb(255, 175, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5941, 0.3720, 0.3145 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
175, 189) }
```

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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