

Converting Colors

$Y_{xy}(56.5667, 0.3433, 0.2797)$

Have a look what the booklet for
Yxy(56.5667, 0.3433, 0.2797)
contains.

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Color

Yxy(56.4211, 0.3432, 0.2791)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFADDE |
| RGB | 255, 173, 222 |
| RGB Percent | 100%, 68%, 87% |
| CMY | 0.0000, 0.3216, 0.1293 |
| CMYK | 0.00, 0.32, 0.13, 0.00 |
| HSL | 324°, 100%, 84% |
| HSV | 324°, 32%, 100% |
| XYZ | 69.3792, 56.4211, 76.3535 |
| YIQ | 203.1040, 33.1430, 32.6230 |

Conversions

Conversions Part 2

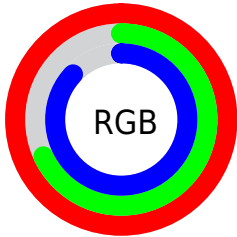
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 173, 222 |
| Decimal | 16756190 |
| CIE Lab | 79.85, 37.04, -12.42 |
| CIE LCh | 80, 39.063, 341.458 |
| Yxy | 56.4211, 0.3432, 0.2791 |
| Android (android.graphics.Color) | 4294946270 (0xFFFFADDE) |
| YUV | 203.1040, 9.3157, 45.5128 |
| Hunter-Lab | 75.1140, 33.4224, -7.6886 |

Details

The Yxy color **56.4211, 0.3432, 0.2791** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.8575, 0.2910, 0.3851**, and the grayscale version is **59.7102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **27.8540, 0.3504, 0.2667** is the 20% darker color. If you saturate the color by 10%, you get **47.0210, 0.3564, 0.2635**, and if you desaturate by 10%, it is **67.7132, 0.3319, 0.2951**.

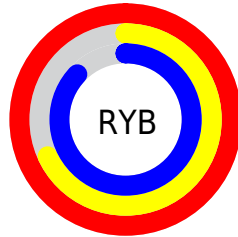
Distribution



Red (100%)

Green (68%)

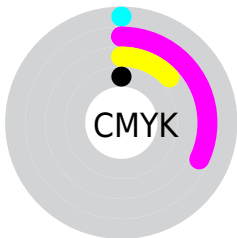
Blue (87%)



Red (100%)

Yellow (68%)

Blue (87%)

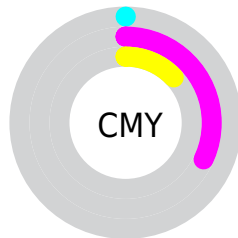


Cyan (0%)

Magenta (32%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4211, 0.3432, 0.2791 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 56.4211, 0.3432, 0.2791 by changing the saturation by 10% instead.

 56.4211, 0.3432,
0.2791

 56.4211, 0.3432,
0.2791

411.2765, 0.3290,
0.3022

 40.5406, 0.3465,
0.2738


 99.6200, 0.3382,
0.2871

 27.9603, 0.3506,
0.2673


127.7072, 0.3363,
0.2902

 18.2958, 0.3558,
0.2591


160.6322, 0.3347,
0.2929

 11.1625, 0.3626,
0.2483

198.7793, 0.3332,
0.2953

 6.1763, 0.3719,
0.2337

242.5328, 0.3320,
0.2973

 2.9526, 0.3855,
0.2129

292.2773, 0.3308,

 1.1070, 0.4069,

0.2991

0.1810

348.3971, 0.3298,
0.3008

■ 0.0000, 0.5111,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 56.4211, 0.3432,
0.2791

■ 56.4211, 0.3432,
0.2791

■ 47.0210, 0.3564,
0.2635

■ 67.7132, 0.3319,
0.2951

■ 39.4171, 0.3715,
0.2490

■ 81.0073, 0.3223,
0.3108

■ 33.4878, 0.3883,
0.2368

■ 96.3913, 0.3143,
0.3259

■ 29.1011, 0.4064,
0.2282

100.0000, 0.3127,
0.3290

■ 26.1048, 0.4252,
0.2242

■ 24.3151, 0.4439,
0.2255

■ 23.5418, 0.4582,
0.2298

Harmonies

Analogous

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



56.4211, 0.2912, 0.2553



56.4211, 0.3432, 0.2791



56.4211, 0.3896, 0.3142

Triad

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



56.4211, 0.3432, 0.2791



56.4211, 0.3754, 0.4181



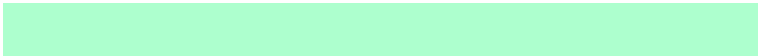
56.4211, 0.2212, 0.2901

Complementary

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



56.4211, 0.3432, 0.2791



84.8575, 0.2910, 0.3851

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.



56.4211, 0.2399, 0.3379



56.4211, 0.3432, 0.2791



56.4211, 0.3276, 0.4185

Square

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



56.4211, 0.3432, 0.2791



56.4211, 0.4078, 0.3926



56.4211, 0.2781, 0.3878



56.4211, 0.2244, 0.2588

Rectangle

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



56.4211, 0.3432, 0.2791



56.4211, 0.4090, 0.3409



56.4211, 0.2781, 0.3878



56.4211, 0.2250, 0.3047

Sweetspot

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



56.4174, 0.3432, 0.2791



84.1527, 0.3204, 0.3141



50.1946, 0.2783, 0.2392



17.5721, 0.3216, 0.3120



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.



56.4174, 0.3432, 0.2791



49.7928, 0.3520, 0.2683



54.4864, 0.3797, 0.3206



18.1694, 0.3200, 0.3149



12.3315, 0.4553, 0.2282



1.2223, 0.4357, 0.2174

Inverse Universe

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



56.4174, 0.3432, 0.2791



49.7928, 0.3520, 0.2683



87.1058, 0.2705, 0.3378



18.1694, 0.3200, 0.3149



12.3315, 0.4553, 0.2282



1.2223, 0.4357, 0.2174

Previews

White Background



This preview shows how the Yxy color 56.4211, 0.3432, 0.2791 looks on a white background.

Color Contrast Check

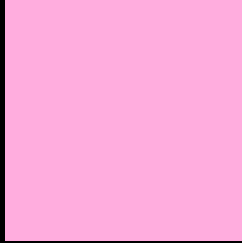
Large Text (above 18pt) WCAG AA × Fail

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 56.4211, 0.3432, 0.2791 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

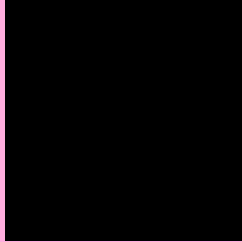
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4211, 0.3432, 0.2791

Background



This preview shows how black text looks on a background with the Yxy color 56.4211, 0.3432, 0.2791.



This preview shows how white text looks on a background with the Yxy color 56.4211, 0.3432, 0.2791.

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

56.4211, 0.3432, 0.2791

Protanopia

56.9941, 0.2802, 0.2827

Deuteranopia

56.6118, 0.3062, 0.3002



Tritanopia

56.1558, 0.3651, 0.3143

Trichromacy



Original Color

56.4211, 0.3432, 0.2791



Protanomaly

56.0888, 0.3009, 0.2799



Deuteranomaly

56.2398, 0.3193, 0.2925



Tritanomaly

56.0579, 0.3566, 0.3009

Monochromacy



Original Color

56.4211, 0.3432, 0.2791



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.8820, 0.3233, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4211, 0.3432, 0.2791 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, 173, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 222)  
}
```

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, 173, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 222) }
```

Border

The CSS property to change the border of an element to Yxy 56.4211, 0.3432, 0.2791 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, 173, 222) }
```

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

```
.border{ border-color:rgb(255, 173, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4211, 0.3432, 0.2791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 222) }
```

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

```
.background{ background-color: rgb(255,  
173, 222) }
```

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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