

Converting Colors

$Y_{xy}(58.2816, 0.3534, 0.2834)$

Have a look what the booklet for
Yxy(58.2816, 0.3534, 0.2834)
contains.

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Color

Yxy(56.2616, 0.3458, 0.2821)

Conversions

Conversions Part 1

Format	Color
Hex	FFADDB
RGB	255, 173, 219
RGB Percent	100%, 68%, 86%
CMY	0.0000, 0.3215, 0.1414
CMYK	0.00, 0.32, 0.14, 0.00
HSL	326°, 100%, 84%
HSV	326°, 32%, 100%
XYZ	68.9658, 56.2616, 74.2111
YIQ	202.7620, 34.1060, 31.6900

Conversions

Conversions Part 2

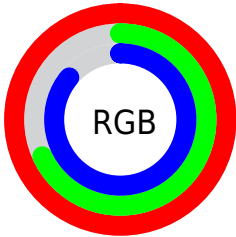
Format	Color
R _Y B	255, 173, 219
Decimal	16756187
CIE Lab	79.76, 36.53, -10.90
CIE LCh	80, 38.121, 343.385
Yxy	56.2616, 0.3458, 0.2821
Android (android.graphics.Color)	4294946267 (0xFFFFADDB)
YUV	202.7620, 8.0053, 45.8127
Hunter-Lab	75.0077, 32.8582, -6.1549

Details

The Yxy color **56.2616, 0.3458, 0.2821** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.0116, 0.2894, 0.3814**, and the grayscale version is **59.4968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **27.7443, 0.3539, 0.2703** is the 20% darker color. If you saturate the color by 10%, you get **46.8282, 0.3603, 0.2673**, and if you desaturate by 10%, it is **67.6046, 0.3334, 0.2972**.

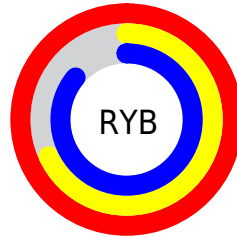
Distribution



Red (100%)

Green (68%)

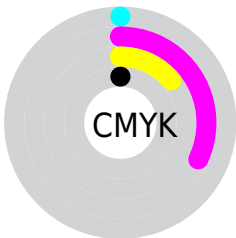
Blue (86%)



Red (100%)

Yellow (68%)

Blue (86%)

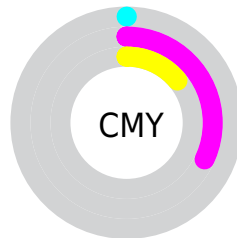


Cyan (0%)

Magenta (32%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.2616, 0.3458, 0.2821 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 56.2616, 0.3458, 0.2821 by changing the saturation by 10% instead.


 56.2616, 0.3458,
0.2821

 56.2616, 0.3458,
0.2821


410.6766, 0.3302,
0.3039

 40.4127, 0.3494,
0.2771


 99.3870, 0.3403,
0.2897

 27.8605, 0.3539,
0.2709

127.4322, 0.3382,
0.2926

 18.2205, 0.3597,
0.2631


160.3117, 0.3364,
0.2952

 11.1084, 0.3673,
0.2528

198.4098, 0.3349,
0.2974

 6.1398, 0.3779,
0.2388

242.1110, 0.3335,
0.2993

 2.9303, 0.3934,
0.2187

291.7996, 0.3323,

 1.0954, 0.4182,

0.3010

0.1875

347.8600, 0.3312,
0.3025

0.0000, 0.5417,
0.0000

0.0000, 0.0000,
0.0000

56.2616, 0.3458,
0.2821

56.2616, 0.3458,
0.2821

46.8282, 0.3603,
0.2673

67.6046, 0.3334,
0.2972

39.1916, 0.3770,
0.2537

80.9505, 0.3230,
0.3119

33.2357, 0.3957,
0.2424

96.3931, 0.3144,
0.3261

28.8283, 0.4160,
0.2345

100.0000, 0.3127,
0.3290

■ 25.8169, 0.4371,
0.2313

■ 24.0176, 0.4582,
0.2335

■ 23.2400, 0.4741,
0.2385

Harmonies

Analogous

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



56.2616, 0.2948, 0.2579



56.2616, 0.3458, 0.2821



56.2616, 0.3901, 0.3171

Triad

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



56.2616, 0.3458, 0.2821



56.2616, 0.3714, 0.4169



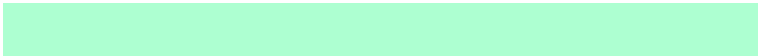
56.2616, 0.2227, 0.2886

Complementary

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



56.2616, 0.3458, 0.2821



85.0116, 0.2894, 0.3814

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.



56.2616, 0.2397, 0.3345



56.2616, 0.3458, 0.2821



56.2616, 0.3242, 0.4152

Square

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



56.2616, 0.3458, 0.2821



56.2616, 0.4043, 0.3934



56.2616, 0.2761, 0.3836



56.2616, 0.2272, 0.2590

Rectangle

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



56.2616, 0.3458, 0.2821



56.2616, 0.4079, 0.3434



56.2616, 0.2761, 0.3836



56.2616, 0.2260, 0.3025

Sweetspot

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



56.2634, 0.3458, 0.2821



84.0946, 0.3210, 0.3150



50.5995, 0.2804, 0.2398



17.5580, 0.3223, 0.3130



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.



56.2634, 0.3458, 0.2821



49.6034, 0.3555, 0.2719



54.3848, 0.3822, 0.3235



18.1576, 0.3206, 0.3158



12.1740, 0.4709, 0.2368



1.2073, 0.4490, 0.2247

Inverse Universe

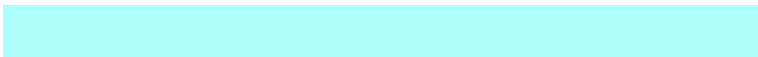
The Inverse Universe completely reimagines the original color for something new.



56.2634, 0.3458, 0.2821



49.6034, 0.3555, 0.2719



87.2784, 0.2692, 0.3348



18.1576, 0.3206, 0.3158



12.1740, 0.4709, 0.2368



1.2073, 0.4490, 0.2247

Previews

White Background



This preview shows how the Yxy color 56.2616, 0.3458, 0.2821 looks on a white background.

Color Contrast Check

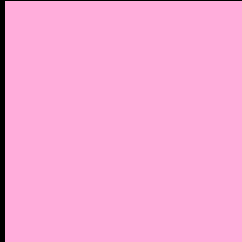
Large Text (above 18pt) WCAG AA × Fail

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 56.2616, 0.3458, 0.2821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

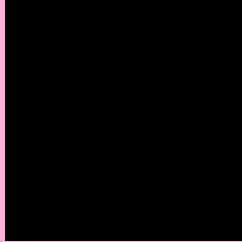
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.2616, 0.3458, 0.2821

Background



This preview shows how black text looks on a background with the Yxy color 56.2616, 0.3458, 0.2821.



This preview shows how white text looks on a background with the Yxy color 56.2616, 0.3458, 0.2821.

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

56.2616, 0.3458, 0.2821

Protanopia

56.4967, 0.2827, 0.2848

Deuteranopia

56.6015, 0.3092, 0.3036



Tritanopia

56.3420, 0.3659, 0.3144

Trichromacy



Original Color

56.2616, 0.3458, 0.2821



Protanomaly

55.9197, 0.3030, 0.2831



Deuteranomaly

56.2444, 0.3225, 0.2958



Tritanomaly

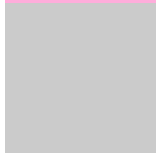
56.1976, 0.3584, 0.3020

Monochromacy



Original Color

56.2616, 0.3458, 0.2821



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.8323, 0.3241, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.2616, 0.3458, 0.2821 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, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 219) }
```

Border

The CSS property to change the border of an element to Yxy 56.2616, 0.3458, 0.2821 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, 219) }
```

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

```
.border{ border-color:rgb(255, 173, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 56.2616, 0.3458, 0.2821 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, 219) }
```

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

```
.background{ background-color: rgb(255,  
173, 219) }
```

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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