

Converting Colors

Yxy(67.8839, 0.3855, 0.2848)

Have a look what the booklet for
Yxy(67.8839, 0.3855, 0.2848)
contains.

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Color

Yxy(56.5290, 0.3415, 0.2772)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEC
RGB	255, 173, 224
RGB Percent	100%, 68%, 88%
CMY	0.0000, 0.3216, 0.1216
CMYK	0.00, 0.32, 0.12, 0.00
HSL	323°, 100%, 84%
HSV	323°, 32%, 100%
XYZ	69.6416, 56.5290, 77.7580
YIQ	203.3320, 32.5010, 33.2450

Conversions

Conversions Part 2

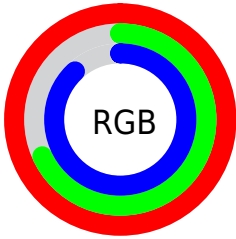
Format	Color
R _Y B	255, 173, 224
Decimal	16756192
CIE Lab	79.91, 37.34, -13.40
CIE LCh	80, 39.671, 340.259
Yxy	56.5290, 0.3415, 0.2772
Android (android.graphics.Color)	4294946272 (0xFFFFAEE0)
YUV	203.3320, 10.1893, 45.3128
Hunter-Lab	75.1858, 33.7624, -8.6883

Details

The Yxy color $56.5290, 0.3415, 0.2772$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.7640, 0.2920, 0.3874$, and the grayscale version is $59.8585, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $27.9285, 0.3480, 0.2642$ is the 20% darker color. If you saturate the color by 10%, you get $47.1563, 0.3539, 0.2610$, and if you desaturate by 10%, it is $67.7966, 0.3308, 0.2938$.

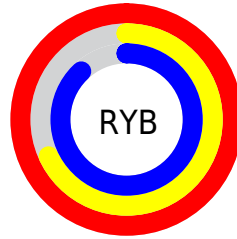
Distribution



Red (100%)

Green (68%)

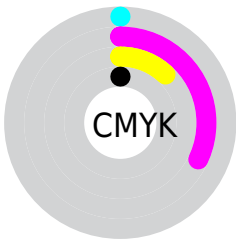
Blue (88%)



Red (100%)

Yellow (68%)

Blue (88%)

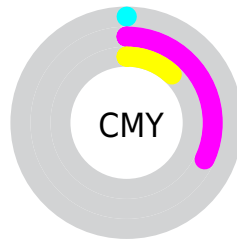


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5290, 0.3415, 0.2772 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 56.5290, 0.3415, 0.2772 by changing the saturation by 10% instead.

 56.5290, 0.3415,
0.2772

 56.5290, 0.3415,
0.2772

411.6821, 0.3281,
0.3011

 40.6272, 0.3446,
0.2718


 99.7776, 0.3368,
0.2855

 28.0279, 0.3484,
0.2650

127.8932, 0.3350,
0.2887

 18.3467, 0.3532,
0.2566

160.8489, 0.3335,
0.2915

 11.1992, 0.3595,
0.2455

199.0290, 0.3321,
0.2939

 6.2010, 0.3681,
0.2306

242.8180, 0.3309,
0.2961

 2.9677, 0.3805,
0.2093

292.6003, 0.3299,

 1.1149, 0.3996,

0.2979

0.1770

348.7601, 0.3290,
0.2996

0.0000, 0.4938,
0.0000

0.0000, 0.0000,
0.0000

56.5290, 0.3415,
0.2772

56.5290, 0.3415,
0.2772

47.1563, 0.3539,
0.2610

67.7966, 0.3308,
0.2938

39.5729, 0.3679,
0.2460

81.0590, 0.3218,
0.3101

33.6606, 0.3836,
0.2334

96.4074, 0.3142,
0.3257

29.2874, 0.4004,
0.2242

100.0000, 0.3127,
0.3290

■ 26.3013, 0.4178,
0.2197

■ 24.5189, 0.4350,
0.2204

■ 23.7488, 0.4482,
0.2242

Harmonies

Analogous

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



56.5290, 0.2888, 0.2537



56.5290, 0.3415, 0.2772



56.5290, 0.3892, 0.3124

Triad

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



56.5290, 0.3415, 0.2772



56.5290, 0.3780, 0.4188



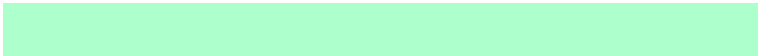
56.5290, 0.2203, 0.2912

Complementary

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



56.5290, 0.3415, 0.2772



84.7640, 0.2920, 0.3874

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.



56.5290, 0.2401, 0.3401



56.5290, 0.3415, 0.2772



56.5290, 0.3299, 0.4205

Square

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



56.5290, 0.3415, 0.2772



56.5290, 0.4100, 0.3920



56.5290, 0.2794, 0.3905



56.5290, 0.2227, 0.2586

Rectangle

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



56.5290, 0.3415, 0.2772



56.5290, 0.4096, 0.3394



56.5290, 0.2794, 0.3905



56.5290, 0.2245, 0.3061

Sweetspot

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



56.5286, 0.3415, 0.2772



84.1902, 0.3200, 0.3135



49.8128, 0.2763, 0.2388



17.5811, 0.3212, 0.3113



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.



56.5286, 0.3415, 0.2772



49.9167, 0.3498, 0.2660



54.6049, 0.3772, 0.3177



18.1771, 0.3196, 0.3143



12.4392, 0.4455, 0.2228



1.2324, 0.4274, 0.2128

Inverse Universe

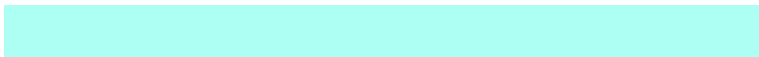
The Inverse Universe completely reimagines the original color for something new.



56.5286, 0.3415, 0.2772



49.9167, 0.3498, 0.2660



86.9399, 0.2718, 0.3409



18.1771, 0.3196, 0.3143



12.4392, 0.4455, 0.2228



1.2324, 0.4274, 0.2128

Previews

White Background



This preview shows how the Yxy color 56.5290, 0.3415, 0.2772 looks on a white background.

Color Contrast Check

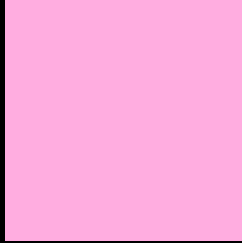
Large Text (above 18pt) WCAG AA × Fail

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 56.5290, 0.3415, 0.2772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

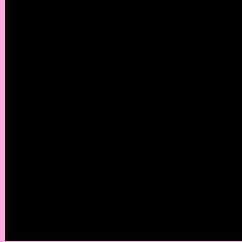
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5290, 0.3415, 0.2772

Background



This preview shows how black text looks on a background with the Yxy color 56.5290, 0.3415, 0.2772.



This preview shows how white text looks on a background with the Yxy color 56.5290, 0.3415, 0.2772.

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

56.5290, 0.3415, 0.2772

Protanopia

57.0426, 0.2776, 0.2794

Deuteranopia

56.7171, 0.3048, 0.2980



Tritanopia

56.5552, 0.3648, 0.3154

Trichromacy



Original Color

56.5290, 0.3415, 0.2772



Protanomaly

56.0531, 0.2987, 0.2777



Deuteranomaly

56.3458, 0.3178, 0.2904



Tritanomaly

56.4994, 0.3556, 0.3009

Monochromacy



Original Color

56.5290, 0.3415, 0.2772



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

57.9320, 0.3226, 0.3077

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5290, 0.3415, 0.2772 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 224) }
```

Border

The CSS property to change the border of an element to Yxy 56.5290, 0.3415, 0.2772 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, 224) }
```

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

```
.border{ border-color:rgb(255, 173, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5290, 0.3415, 0.2772 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, 224) }
```

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

```
.background{ background-color: rgb(255,  
173, 224) }
```

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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