

Converting Colors

$Y_{xy}(79.3305, 0.4146, 0.2920)$

Have a look what the booklet for
Yxy(79.3305, 0.4146, 0.2920)
contains.

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Color

Yxy(57.3018, 0.3412, 0.2792)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFE0
RGB	255, 175, 224
RGB Percent	100%, 69%, 88%
CMY	0.0000, 0.3137, 0.1215
CMYK	0.00, 0.31, 0.12, 0.00
HSL	323°, 100%, 84%
HSV	323°, 31%, 100%
XYZ	70.0264, 57.3018, 77.9075
YIQ	204.5060, 31.9510, 32.1990

Conversions

Conversions Part 2

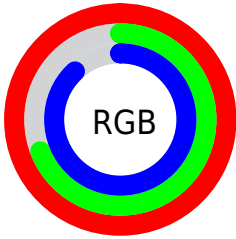
Format	Color
R _Y B	255, 175, 224
Decimal	16756704
CIE Lab	80.35, 36.29, -12.76
CIE LCh	80, 38.472, 340.623
Yxy	57.3018, 0.3412, 0.2792
Android (android.graphics.Color)	4294946784 (0xFFFFAFE0)
YUV	204.5060, 9.6105, 44.2832
Hunter-Lab	75.6980, 32.6548, -8.0320

Details

The Yxy color **57.3018, 0.3412, 0.2792** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **85.0886, 0.2921, 0.3849**, and the grayscale version is **60.6454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.4096, 0.3476, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **47.7773, 0.3537, 0.2632**, and if you desaturate by 10%, it is **68.7368, 0.3304, 0.2956**.

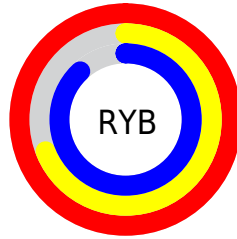
Distribution



Red (100%)

Green (69%)

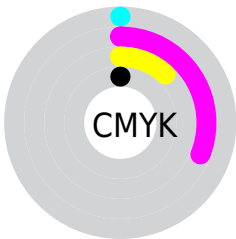
Blue (88%)



Red (100%)

Yellow (69%)

Blue (88%)

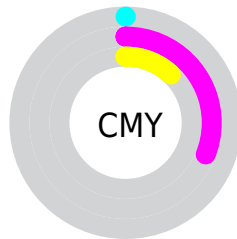


Cyan (0%)

Magenta (31%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3018, 0.3412, 0.2792 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 57.3018, 0.3412, 0.2792 by changing the saturation by 10% instead.


 57.3018, 0.3412,
0.2792

 57.3018, 0.3412,
0.2792

414.5792, 0.3280,
0.3022

 41.2476, 0.3442,
0.2740


 100.9054, 0.3366,
0.2872

 28.5126, 0.3480,
0.2675


129.2236, 0.3348,
0.2903

 18.7124, 0.3528,
0.2594


162.3986, 0.3333,
0.2929

 11.4627, 0.3590,
0.2487

200.8148, 0.3319,
0.2953

 6.3789, 0.3676,
0.2344

244.8565, 0.3308,
0.2973

 3.0768, 0.3799,
0.2139


294.9083, 0.3297,


 1.1720, 0.3991,


0.2991


0.1827

351.3544, 0.3288,
0.3008

 0.0386, 0.4874,
0.0204

 0.0000, 0.0000,
0.0000


 57.3018, 0.3412,
0.2792


 57.3018, 0.3412,
0.2792

 47.7773, 0.3537,
0.2632

 68.7368, 0.3304,
0.2956

 40.0491, 0.3681,
0.2482

 82.1723, 0.3213,
0.3116

 34.0030, 0.3840,
0.2355

 97.7022, 0.3137,
0.3270

 29.5084, 0.4013,
0.2263

99.9997, 0.3127,
0.3290

■ 26.4150, 0.4192,
0.2215

■ 24.5425, 0.4370,
0.2221

■ 23.6689, 0.4519,
0.2263

Harmonies

Analogous

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



57.3018, 0.2903, 0.2562



57.3018, 0.3412, 0.2792



57.3018, 0.3870, 0.3135

Triad

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



57.3018, 0.3412, 0.2792



57.3018, 0.3754, 0.4159



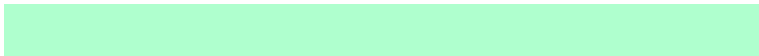
57.3018, 0.2231, 0.2921

Complementary

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



57.3018, 0.3412, 0.2792



85.0886, 0.2921, 0.3849

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.



57.3018, 0.2421, 0.3392



57.3018, 0.3412, 0.2792



57.3018, 0.3288, 0.4170

Square

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



57.3018, 0.3412, 0.2792



57.3018, 0.4065, 0.3905



57.3018, 0.2801, 0.3877



57.3018, 0.2257, 0.2607

Rectangle

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



57.3018, 0.3412, 0.2792



57.3018, 0.4064, 0.3397



57.3018, 0.2801, 0.3877



57.3018, 0.2271, 0.3065

Sweetspot

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



57.3044, 0.3412, 0.2792



85.6622, 0.3194, 0.3153



50.9559, 0.2783, 0.2414



17.8739, 0.3206, 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.



57.3044, 0.3412, 0.2792



50.7827, 0.3493, 0.2685



55.3961, 0.3763, 0.3194



18.1742, 0.3198, 0.3145



12.3978, 0.4492, 0.2248



1.2285, 0.4305, 0.2145

Inverse Universe

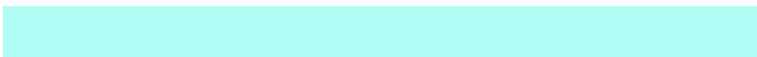
The Inverse Universe completely reimagines the original color for something new.



57.3044, 0.3412, 0.2792



50.7827, 0.3493, 0.2685



87.2667, 0.2721, 0.3391



18.1742, 0.3198, 0.3145



12.3978, 0.4492, 0.2248



1.2285, 0.4305, 0.2145

Previews

White Background



This preview shows how the Yxy color 57.3018, 0.3412, 0.2792 looks on a white background.

Color Contrast Check

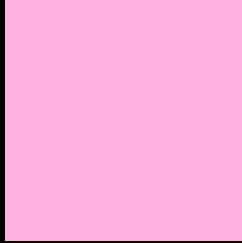
Large Text (above 18pt) WCAG AA × Fail

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 57.3018, 0.3412, 0.2792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

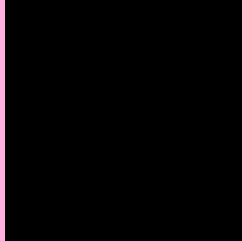
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3018, 0.3412, 0.2792

Background



This preview shows how black text looks on a background with the Yxy color 57.3018, 0.3412, 0.2792.

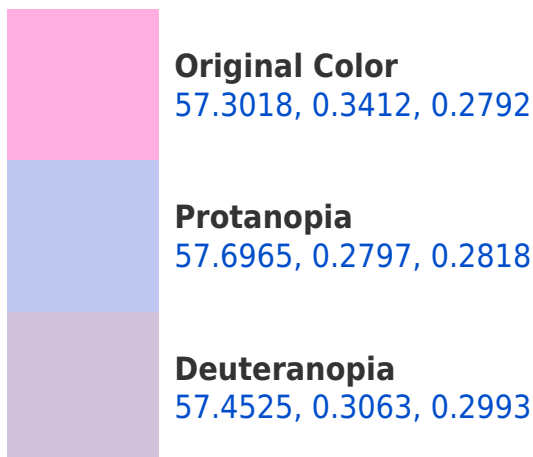


This preview shows how white text looks on a background with the Yxy color 57.3018, 0.3412, 0.2792.

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





Tritanopia

57.0468, 0.3628, 0.3144

Trichromacy



Original Color

57.3018, 0.3412, 0.2792



Protanomaly

57.0636, 0.2994, 0.2801



Deuteranomaly

56.9299, 0.3185, 0.2916



Tritanomaly

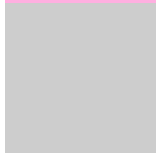
56.9440, 0.3545, 0.3009

Monochromacy



Original Color

57.3018, 0.3412, 0.2792



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.0250, 0.3224, 0.3089

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3018, 0.3412, 0.2792 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 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, 175, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 224) }
```

Border

The CSS property to change the border of an element to Yxy 57.3018, 0.3412, 0.2792 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, 224) }
```

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

```
.border{ border-color:rgb(255, 175, 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, 175, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
224) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 57.3018, 0.3412, 0.2792$ 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, 224) }
```

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

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