

Converting Colors

Yxy(69.4222, 0.3819, 0.2836)

Have a look what the booklet for
Yxy(69.4222, 0.3819, 0.2836)
contains.

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Color

Yxy(57.5214, 0.3379, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	FFAFE4
RGB	255, 175, 228
RGB Percent	100%, 69%, 89%
CMY	0.0000, 0.3137, 0.1060
CMYK	0.00, 0.31, 0.11, 0.00
HSL	320°, 100%, 84%
HSV	320°, 31%, 100%
XYZ	70.5755, 57.5214, 80.7681
YIQ	204.9620, 30.6670, 33.4430

Conversions

Conversions Part 2

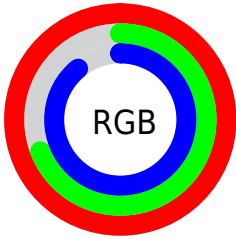
Format	Color
R _Y B	255, 175, 228
Decimal	16756708
CIE Lab	80.47, 36.94, -14.72
CIE LCh	80, 39.763, 338.280
Yxy	57.5214, 0.3379, 0.2754
Android (android.graphics.Color)	4294946788 (0xFFFFAFE4)
YUV	204.9620, 11.3577, 43.8833
Hunter-Lab	75.8429, 33.3779, -10.0503

Details

The Yxy color **57.5214, 0.3379, 0.2754** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.8993, 0.2942, 0.3896**, and the grayscale version is **60.9352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.5622, 0.3430, 0.2619** is the 20% darker color. If you saturate the color by 10%, you get **48.0480, 0.3488, 0.2582**, and if you desaturate by 10%, it is **68.8921, 0.3284, 0.2930**.

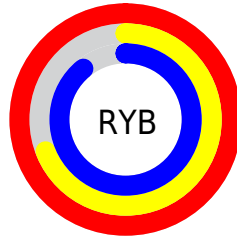
Distribution



Red (100%)

Green (69%)

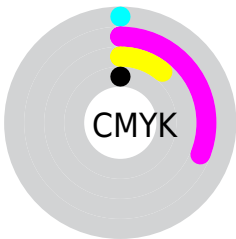
Blue (89%)



Red (100%)

Yellow (69%)

Blue (89%)

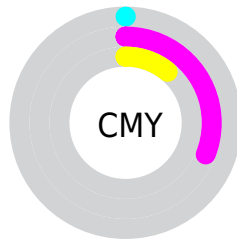


Cyan (0%)

Magenta (31%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5214, 0.3379, 0.2754 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 57.5214, 0.3379, 0.2754 by changing the saturation by 10% instead.


 57.5214, 0.3379,
0.2754

 57.5214, 0.3379,
0.2754


415.4002, 0.3263,
0.3000

 41.4240, 0.3405,
0.2698


 101.2256, 0.3339,
0.2839

 28.6505, 0.3437,
0.2630


129.6012, 0.3323,
0.2872

 18.8166, 0.3478,
0.2543


162.8382, 0.3310,
0.2901

 11.5378, 0.3531,
0.2431

201.3212, 0.3298,
0.2926

 6.4298, 0.3602,
0.2281

245.4345, 0.3288,
0.2948

 3.1082, 0.3702,
0.2068


295.5625, 0.3279,

 1.1885, 0.3853,


0.2967


0.1747


352.0896, 0.3271,
0.2985

 0.0522, 0.4555,
0.0249

 0.0000, 0.0000,
0.0000

 57.5214, 0.3379,
0.2754

 57.5214, 0.3379,
0.2754


 48.0480, 0.3488,
0.2582


 68.8921, 0.3284,
0.2930

 40.3667, 0.3611,
0.2423

 82.2588, 0.3204,
0.3102

 34.3607, 0.3747,
0.2286

 97.7123, 0.3136,
0.3268

 29.8994, 0.3893,
0.2183

100.0000, 0.3127,
0.3290

■ 26.8328, 0.4043,
0.2126

■ 24.9807, 0.4192,
0.2120

■ 24.1200, 0.4317,
0.2152

Harmonies

Analogous

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



57.5214, 0.2857, 0.2529



57.5214, 0.3379, 0.2754



57.5214, 0.3863, 0.3099

Triad

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



57.5214, 0.3379, 0.2754



57.5214, 0.3805, 0.4173



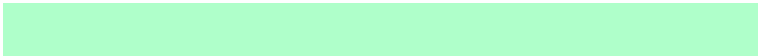
57.5214, 0.2212, 0.2941

Complementary

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



57.5214, 0.3379, 0.2754



84.8993, 0.2942, 0.3896

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.



57.5214, 0.2423, 0.3436



57.5214, 0.3379, 0.2754



57.5214, 0.3332, 0.4210

Square

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



57.5214, 0.3379, 0.2754



57.5214, 0.4109, 0.3895



57.5214, 0.2827, 0.3931



57.5214, 0.2221, 0.2604

Rectangle

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



57.5214, 0.3379, 0.2754



57.5214, 0.4078, 0.3366



57.5214, 0.2827, 0.3931



57.5214, 0.2258, 0.3094

Sweetspot

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



57.5210, 0.3379, 0.2754



85.7322, 0.3186, 0.3142



50.3909, 0.2754, 0.2407



17.8912, 0.3197, 0.3118



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.



57.5210, 0.3379, 0.2754



51.0365, 0.3450, 0.2639



55.5659, 0.3726, 0.3152



18.1900, 0.3190, 0.3134



12.6322, 0.4294, 0.2139



1.2504, 0.4138, 0.2053

Inverse Universe

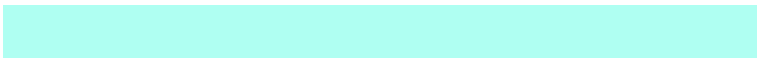
The Inverse Universe completely reimagines the original color for something new.



57.5210, 0.3379, 0.2754



51.0365, 0.3450, 0.2639



87.0250, 0.2740, 0.3435



18.1900, 0.3190, 0.3134



12.6322, 0.4294, 0.2139



1.2504, 0.4138, 0.2053

Previews

White Background



This preview shows how the Yxy color 57.5214, 0.3379, 0.2754 looks on a white background.

Color Contrast Check

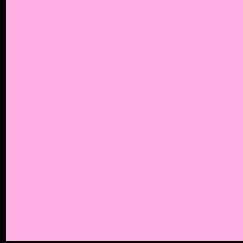
Large Text (above 18pt) WCAG AA × Fail

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 57.5214, 0.3379, 0.2754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

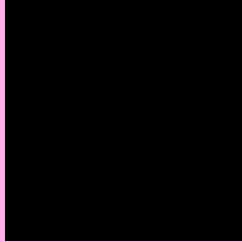
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5214, 0.3379, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 57.5214, 0.3379, 0.2754.



This preview shows how white text looks on a background with the Yxy color 57.5214, 0.3379, 0.2754.

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

57.5214, 0.3379, 0.2754

Protanopia

57.8064, 0.2765, 0.2775

Deuteranopia

57.8219, 0.3019, 0.2960



Tritanopia

57.4971, 0.3617, 0.3144

Trichromacy



Original Color

57.5214, 0.3379, 0.2754



Protanomaly

57.2961, 0.2967, 0.2760



Deuteranomaly

57.4102, 0.3146, 0.2884



Tritanomaly

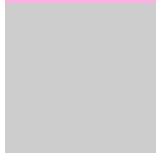
57.4406, 0.3526, 0.2999

Monochromacy



Original Color

57.5214, 0.3379, 0.2754



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.0756, 0.3217, 0.3078

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5214, 0.3379, 0.2754 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, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 228)  
}
```

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, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 228) }
```

Border

The CSS property to change the border of an element to Yxy 57.5214, 0.3379, 0.2754 is called "border". The border property can be set on classes, ids or directly on the HTML element.

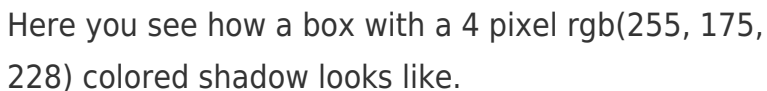
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 175, 228) }
```

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

```
.border{ border-color:rgb(255, 175, 228) }
```

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, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5214, 0.3379, 0.2754 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, 228) }
```

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

```
.background{ background-color: rgb(255,  
175, 228) }
```

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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