

Converting Colors

$Y_{xy}(58.3955, 0.3420, 0.2742)$

Have a look what the booklet for
Yxy(58.3955, 0.3420, 0.2742)
contains.

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Color

Yxy(57.1892, 0.3372, 0.2734)

Conversions

Conversions Part 1

Format	Color
Hex	FFAEE5
RGB	255, 174, 229
RGB Percent	100%, 68%, 90%
CMY	0.0000, 0.3177, 0.1019
CMYK	0.00, 0.32, 0.10, 0.00
HSL	319°, 100%, 84%
HSV	319°, 32%, 100%
XYZ	70.5347, 57.1892, 81.4538
YIQ	204.4890, 30.6210, 34.2770

Conversions

Conversions Part 2

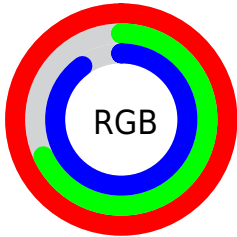
Format	Color
R_{YB}	255, 174, 229
Decimal	16756453
CIE _{Lab}	80.29, 37.65, -15.55
CIE _{LCh}	80, 40.738, 337.565
Yxy	57.1892, 0.3372, 0.2734
Android (android.graphics.Color)	4294946533 (0xFFFFAEE5)
YUV	204.4890, 12.0839, 44.2981
Hunter-Lab	75.6235, 34.1473, -10.9245

Details

The Yxy color **57.1892, 0.3372, 0.2734** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84.6849, 0.2947, 0.3922**, and the grayscale version is **60.6074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0736, 0.3138, 0.3048**, and **28.3204, 0.3432, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **47.8012, 0.3476, 0.2559**, and if you desaturate by 10%, it is **68.4524, 0.3281, 0.2913**.

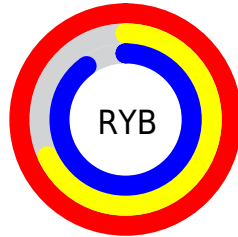
Distribution



Red (100%)

Green (68%)

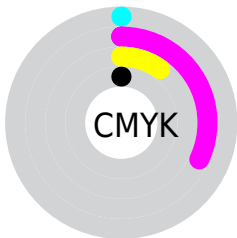
Blue (90%)



Red (100%)

Yellow (68%)

Blue (90%)

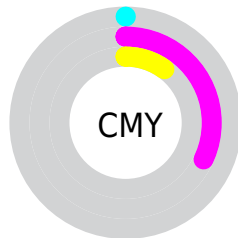


Cyan (0%)

Magenta (32%)

Yellow (10%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.1892, 0.3372, 0.2734 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 57.1892, 0.3372, 0.2734 by changing the saturation by 10% instead.

 57.1892, 0.3372,
0.2734

 57.1892, 0.3372,
0.2734

414.1579, 0.3260,
0.2989

 41.1572, 0.3397,
0.2676


 100.7412, 0.3333,
0.2822

 28.4419, 0.3428,
0.2605


129.0300, 0.3318,
0.2856

 18.6590, 0.3467,
0.2516


162.1731, 0.3305,
0.2886

 11.4242, 0.3517,
0.2401

200.5549, 0.3294,
0.2912

 6.3529, 0.3585,
0.2245

244.5600, 0.3284,
0.2935

 3.0608, 0.3679,
0.2027


294.5725, 0.3275,

 1.1636, 0.3819,


0.2955


0.1699

350.9770, 0.3267,
0.2973

 0.0317, 0.4509,
0.0150


 0.0000, 0.0000,
0.0000


 57.1892, 0.3372,
0.2734


 57.1892, 0.3372,
0.2734


 47.8012, 0.3476,
0.2559

 68.4524, 0.3281,
0.2913

 40.2065, 0.3593,
0.2396

 81.7135, 0.3203,
0.3091

 34.2799, 0.3722,
0.2257

 97.0554, 0.3138,
0.3261

 29.8903, 0.3859,
0.2154

100.0000, 0.3127,
0.3290

■ 26.8868, 0.3999,
0.2095

■ 25.0876, 0.4138,
0.2087

■ 24.2845, 0.4250,
0.2115

Harmonies

Analogous

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



57.1892, 0.2838, 0.2508



57.1892, 0.3372, 0.2734



57.1892, 0.3873, 0.3084

Triad

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



57.1892, 0.3372, 0.2734



57.1892, 0.3831, 0.4191



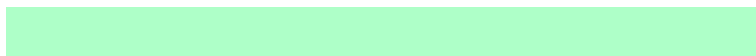
57.1892, 0.2193, 0.2941

Complementary

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



57.1892, 0.3372, 0.2734



84.6849, 0.2947, 0.3922

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.



57.1892, 0.2413, 0.3452



57.1892, 0.3372, 0.2734



57.1892, 0.3348, 0.4239

Square

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



57.1892, 0.3372, 0.2734



57.1892, 0.4138, 0.3899



57.1892, 0.2830, 0.3960



57.1892, 0.2197, 0.2592

Rectangle

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



57.1892, 0.3372, 0.2734



57.1892, 0.4098, 0.3357



57.1892, 0.2830, 0.3960



57.1892, 0.2242, 0.3099

Sweetspot

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



57.1810, 0.3372, 0.2734



84.2800, 0.3191, 0.3121



49.7126, 0.2738, 0.2392



17.6029, 0.3201, 0.3097



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.



57.1810, 0.3372, 0.2734



51.1249, 0.3435, 0.2624



55.1903, 0.3724, 0.3136



18.1954, 0.3187, 0.3130



12.7177, 0.4228, 0.2103



1.2582, 0.4082, 0.2023

Inverse Universe

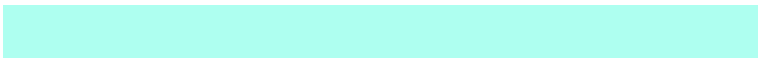
The Inverse Universe completely reimagines the original color for something new.



57.1810, 0.3372, 0.2734



51.1249, 0.3435, 0.2624



86.8161, 0.2743, 0.3453



18.1954, 0.3187, 0.3130



12.7177, 0.4228, 0.2103



1.2582, 0.4082, 0.2023

Previews

White Background



This preview shows how the Yxy color 57.1892, 0.3372, 0.2734 looks on a white background.

Color Contrast Check

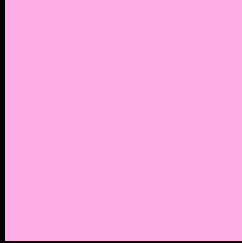
Large Text (above 18pt) WCAG AA × Fail

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 57.1892, 0.3372, 0.2734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

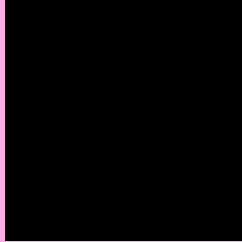
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.1892, 0.3372, 0.2734

Background



This preview shows how black text looks on a background with the Yxy color 57.1892, 0.3372, 0.2734.



This preview shows how white text looks on a background with the Yxy color 57.1892, 0.3372, 0.2734.

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

57.1892, 0.3372, 0.2734

Protanopia

57.7996, 0.2746, 0.2753

Deuteranopia

57.2852, 0.3004, 0.2936



Tritanopia

57.0468, 0.3628, 0.3144

Trichromacy



Original Color

57.1892, 0.3372, 0.2734



Protanomaly

56.7733, 0.2952, 0.2738



Deuteranomaly

56.8789, 0.3131, 0.2862



Tritanomaly

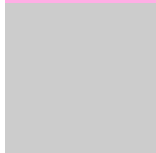
57.0412, 0.3528, 0.2989

Monochromacy



Original Color

57.1892, 0.3372, 0.2734



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.6320, 0.3218, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.1892, 0.3372, 0.2734 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, 174, 229)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 229)  
}
```

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, 174, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 229) }
```

Border

The CSS property to change the border of an element to Yxy 57.1892, 0.3372, 0.2734 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, 174, 229) }
```

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

```
.border{ border-color:rgb(255, 174, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 229);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 57.1892, 0.3372, 0.2734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 229) }
```

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

```
.background{ background-color: rgb(255,  
174, 229) }
```

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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