

Converting Colors

$Y_{xy}(60.7652, 0.3359, 0.2602)$

Have a look what the booklet for
Yxy(60.7652, 0.3359, 0.2602)
contains.

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Color

Yxy(57.7397, 0.3242, 0.2576)

Conversions

Conversions Part 1

Format	Color
Hex	FFADF5
RGB	255, 173, 245
RGB Percent	100%, 68%, 96%
CMY	0.0000, 0.3216, 0.0390
CMYK	0.00, 0.32, 0.04, 0.00
HSL	307°, 100%, 84%
HSV	307°, 32%, 100%
XYZ	72.6677, 57.7397, 93.7374
YIQ	205.7260, 25.7600, 39.7760

Conversions

Conversions Part 2

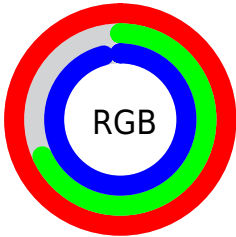
Format	Color
R _Y B	255, 173, 245
Decimal	16756213
CIE Lab	80.59, 40.85, -23.72
CIE LCh	81, 47.233, 329.856
Yxy	57.7397, 0.3242, 0.2576
Android (android.graphics.Color)	4294946293 (0xFFFFADF5)
YUV	205.7260, 19.3621, 43.2133
Hunter-Lab	75.9866, 37.7270, -19.9497

Details

The Yxy color **57.7397, 0.3242, 0.2576** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.8158, 0.3030, 0.4128**, and the grayscale version is **61.4011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.7381, 0.3256, 0.2411** is the 20% darker color. If you saturate the color by 10%, you get **48.6910, 0.3286, 0.2361**, and if you desaturate by 10%, it is **68.6627, 0.3202, 0.2800**.

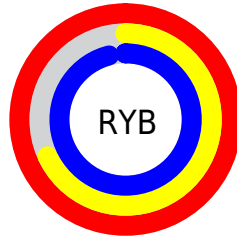
Distribution



Red (100%)

Green (68%)

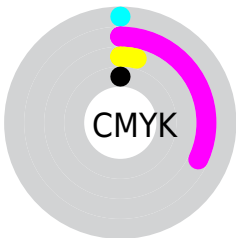
Blue (96%)



Red (100%)

Yellow (68%)

Blue (96%)

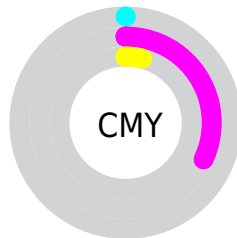


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (32%)

Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.7397, 0.3242, 0.2576 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 57.7397, 0.3242, 0.2576 by changing the saturation by 10% instead.

 57.7397, 0.3242,
0.2576

 57.7397, 0.3242,
0.2576


416.2153, 0.3196,
0.2898

 41.5994, 0.3251,
0.2505


 101.5437, 0.3227,
0.2686

 28.7878, 0.3261,
0.2418


129.9762, 0.3221,
0.2729

 18.9203, 0.3272,
0.2310


163.2749, 0.3216,
0.2767

 11.6127, 0.3285,
0.2172

201.8242, 0.3211,
0.2800

 6.4806, 0.3298,
0.1991

246.0085, 0.3207,
0.2829

 3.1394, 0.3308,
0.1744


296.2122, 0.3203,


 1.2050, 0.3305,

0.2854

0.1394


352.8197, 0.3199,
0.2877

 0.0657, 0.3486,
0.0212


 0.0000, 0.0138,
0.0000


 57.7397, 0.3242,
0.2576


 57.7397, 0.3242,
0.2576


 48.6910, 0.3286,
0.2361


 68.6627, 0.3202,
0.2800

 41.4025, 0.3332,
0.2164

 81.5503, 0.3166,
0.3025

 35.7594, 0.3380,
0.1995

 96.4965, 0.3134,
0.3244

 31.6303, 0.3427,
0.1864

99.9983, 0.3127,
0.3290

■ 28.8638, 0.3473,
0.1777

■ 27.2768, 0.3516,
0.1735

■ 26.6435, 0.3548,
0.1728

Harmonies

Analogous

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



57.7397, 0.2652, 0.2366



57.7397, 0.3242, 0.2576



57.7397, 0.3855, 0.2938

Triad

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



57.7397, 0.3242, 0.2576



57.7397, 0.4045, 0.4252



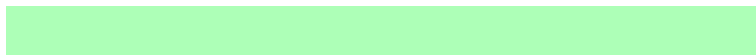
57.7397, 0.2102, 0.3017

Complementary

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



57.7397, 0.3242, 0.2576



83.8158, 0.3030, 0.4128

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.



57.7397, 0.2409, 0.3638



57.7397, 0.3242, 0.2576



57.7397, 0.3525, 0.4415

Square

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



57.7397, 0.3242, 0.2576



57.7397, 0.4333, 0.3860



57.7397, 0.2925, 0.4195



57.7397, 0.2044, 0.2564

Rectangle

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



57.7397, 0.3242, 0.2576



57.7397, 0.4167, 0.3234



57.7397, 0.2925, 0.4195



57.7397, 0.2177, 0.3213

Sweetspot

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



57.7423, 0.3242, 0.2576



84.5981, 0.3158, 0.3073



47.1225, 0.2615, 0.2351



17.6802, 0.3163, 0.3042



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.



57.7423, 0.3242, 0.2576



51.3534, 0.3272, 0.2427



55.5273, 0.3585, 0.2966



18.2602, 0.3157, 0.3084



13.9379, 0.3542, 0.1725



1.3673, 0.3498, 0.1701

Inverse Universe

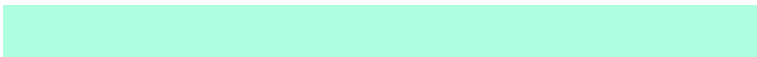
The Inverse Universe completely reimagines the original color for something new.



57.7423, 0.3242, 0.2576



51.3534, 0.3272, 0.2427



85.7572, 0.2820, 0.3643



18.2602, 0.3157, 0.3084



13.9379, 0.3542, 0.1725



1.3673, 0.3498, 0.1701

Previews

White Background



This preview shows how the Yxy color 57.7397, 0.3242, 0.2576 looks on a white background.

Color Contrast Check

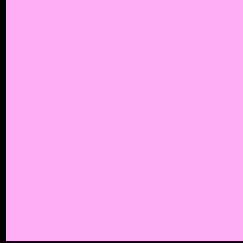
Large Text (above 18pt) WCAG AA × Fail

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 57.7397, 0.3242, 0.2576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

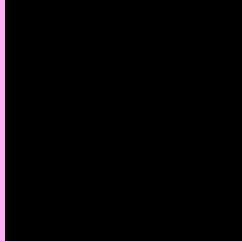
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.7397, 0.3242, 0.2576

Background



This preview shows how black text looks on a background with the Yxy color 57.7397, 0.3242, 0.2576.



This preview shows how white text looks on a background with the Yxy color 57.7397, 0.3242, 0.2576.

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

57.7397, 0.3242, 0.2576

Protanopia

58.0473, 0.2668, 0.2647

Deuteranopia

58.1101, 0.2846, 0.2782



Tritanopia

57.5812, 0.3589, 0.3143

Trichromacy



Original Color

57.7397, 0.3242, 0.2576



Protanomaly

57.2091, 0.2857, 0.2616



Deuteranomaly

57.5929, 0.2984, 0.2705



Tritanomaly

57.6045, 0.3457, 0.2927

Monochromacy



Original Color

57.7397, 0.3242, 0.2576



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.5982, 0.3172, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7397, 0.3242, 0.2576 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 245) }
```

Border

The CSS property to change the border of an element to Yxy 57.7397, 0.3242, 0.2576 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, 245) }
```

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

```
.border{ border-color:rgb(255, 173, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7397, 0.3242, 0.2576 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, 245) }
```

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

```
.background{ background-color: rgb(255,  
173, 245) }
```

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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