

Converting Colors

Yxy(57.4964, 0.3172, 0.2475)

Have a look what the booklet for
Yxy(57.4964, 0.3172, 0.2475)
contains.

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Color

Yxy(57.5416, 0.3173, 0.2478)

Conversions

Conversions Part 1

Format	Color
Hex	FFABFE
RGB	255, 171, 254
RGB Percent	100%, 67%, 100%
CMY	0.0002, 0.3293, 0.0039
CMYK	0.00, 0.33, 0.00, 0.00
HSL	301°, 100%, 84%
HSV	301°, 33%, 100%
XYZ	73.6802, 57.5416, 100.9881
YIQ	205.5780, 23.4210, 43.6210

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 171, 254
Decimal	16755710
CIE Lab	80.48, 43.44, -28.69
CIE LCh	80, 52.057, 326.551
Yxy	57.5416, 0.3173, 0.2478
Android (android.graphics.Color)	4294945790 (0xFFFFABFE)
YUV	205.5780, 23.8720, 43.3431
Hunter-Lab	75.8562, 40.6313, -25.8340

Details

The Yxy color **57.5416, 0.3173, 0.2478** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **83.1322, 0.3076, 0.4263**, and the grayscale version is **61.2731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.4182, 0.3140, 0.3019**, and **28.6241, 0.3174, 0.2302** is the 20% darker color. If you saturate the color by 10%, you get **48.8029, 0.3187, 0.2245**, and if you desaturate by 10%, it is **68.1430, 0.3159, 0.2724**.

Distribution



- Red (100%)
- Green (67%)
- Blue (100%)



- Red (100%)
- Yellow (67%)
- Blue (100%)



- Cyan (0%)
- Magenta (33%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (33%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5416, 0.3173, 0.2478 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 57.5416, 0.3173, 0.2478 by changing the saturation by 10% instead.


 57.5416, 0.3173,
0.2478

 57.5416, 0.3173,
0.2478


415.4757, 0.3162,
0.2841

 41.4402, 0.3173,
0.2399


 101.2550, 0.3171,
0.2601

 28.6632, 0.3172,
0.2302


129.6359, 0.3170,
0.2650

 18.8262, 0.3169,
0.2184


162.8787, 0.3168,
0.2692

 11.5448, 0.3163,
0.2033

201.3678, 0.3167,
0.2729

 6.4345, 0.3148,
0.1838

245.4877, 0.3166,
0.2762

 3.1110, 0.3117,
0.1578


295.6227, 0.3164,


 1.1900, 0.3049,


0.2791

0.1219


352.1572, 0.3163,
0.2817


 0.0535, 0.3059,
0.0143

 0.0000, 0.0642,
0.0000


 57.5416, 0.3173,
0.2478


 57.5416, 0.3173,
0.2478


 48.8029, 0.3187,
0.2245


 68.1430, 0.3159,
0.2724

 41.8122, 0.3200,
0.2035

 80.6980, 0.3145,
0.2974

 36.4538, 0.3212,
0.1858

 95.3010, 0.3131,
0.3220

 32.5951, 0.3222,
0.1720

99.9920, 0.3127,
0.3290

■ 30.0828, 0.3230,
0.1626

■ 28.7307, 0.3235,
0.1574

■ 28.2833, 0.3238,
0.1558

Harmonies

Analogous

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



57.5416, 0.2542, 0.2272



57.5416, 0.3173, 0.2478



57.5416, 0.3861, 0.2853

Triad

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



57.5416, 0.3173, 0.2478



57.5416, 0.4179, 0.4299



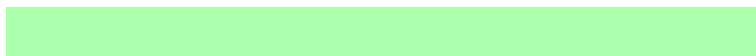
57.5416, 0.2030, 0.3050

Complementary

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



57.5416, 0.3173, 0.2478



83.1322, 0.3076, 0.4263

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.



57.5416, 0.2389, 0.3752



57.5416, 0.3173, 0.2478



57.5416, 0.3625, 0.4533

Square

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



57.5416, 0.3173, 0.2478



57.5416, 0.4465, 0.3846



57.5416, 0.2969, 0.4348



57.5416, 0.1941, 0.2531

Rectangle

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



57.5416, 0.3173, 0.2478



57.5416, 0.4228, 0.3166



57.5416, 0.2969, 0.4348



57.5416, 0.2121, 0.3274

Sweetspot

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



57.5441, 0.3173, 0.2478



84.7770, 0.3141, 0.3046



45.0148, 0.2533, 0.2307



17.7238, 0.3143, 0.3011



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.



57.5441, 0.3173, 0.2478



51.1877, 0.3183, 0.2311



55.1921, 0.3513, 0.2859



18.2966, 0.3140, 0.3059



14.7858, 0.3238, 0.1557



1.4408, 0.3234, 0.1555

Inverse Universe

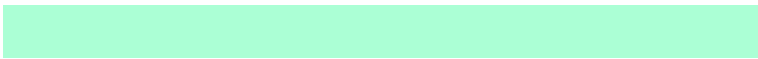
The Inverse Universe completely reimagines the original color for something new.



57.5441, 0.3173, 0.2478



51.1877, 0.3183, 0.2311



84.9579, 0.2863, 0.3768



18.2966, 0.3140, 0.3059



14.7858, 0.3238, 0.1557



1.4408, 0.3234, 0.1555

Previews

White Background



This preview shows how the Yxy color 57.5416, 0.3173, 0.2478 looks on a white background.

Color Contrast Check

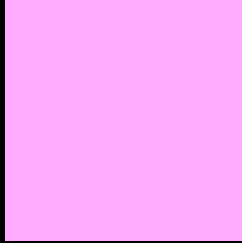
Large Text (above 18pt) WCAG AA × Fail

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 57.5416, 0.3173, 0.2478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

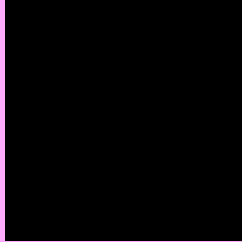
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5416, 0.3173, 0.2478

Background



This preview shows how black text looks on a background with the Yxy color 57.5416, 0.3173, 0.2478.



This preview shows how white text looks on a background with the Yxy color 57.5416, 0.3173, 0.2478.

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

57.5416, 0.3173, 0.2478

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.7887, 0.2754, 0.2694



Tritanopia

57.2156, 0.3572, 0.3142

Trichromacy



Original Color

57.5416, 0.3173, 0.2478



Protanomaly

56.8881, 0.2823, 0.2565



Deuteranomaly

57.1046, 0.2892, 0.2601



Tritanomaly

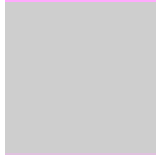
57.1745, 0.3425, 0.2885

Monochromacy



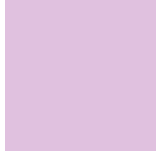
Original Color

57.5416, 0.3173, 0.2478



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

59.3149, 0.3151, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5416, 0.3173, 0.2478 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, 171, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 254)  
}
```

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, 171, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 254) }
```

Border

The CSS property to change the border of an element to Yxy 57.5416, 0.3173, 0.2478 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, 171, 254) }
```

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

```
.border{ border-color:rgb(255, 171, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 171, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 171, 254); box-shadow:4px 4px 4px 4px rgb(255, 171, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5416, 0.3173, 0.2478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 254) }
```

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

```
.background{ background-color: rgb(255,  
171, 254) }
```

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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