

Converting Colors

$Y_{xy}(80.2039, 0.4084, 0.2830)$

Have a look what the booklet for
Yxy(80.2039, 0.4084, 0.2830)
contains.

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Color

Yxy(57.0877, 0.3331, 0.2677)

Conversions

Conversions Part 1

Format	Color
Hex	FFADEA
RGB	255, 173, 234
RGB Percent	100%, 68%, 92%
CMY	0.0000, 0.3215, 0.0823
CMYK	0.00, 0.32, 0.08, 0.00
HSL	315°, 100%, 84%
HSV	315°, 32%, 100%
XYZ	71.0344, 57.0877, 85.1304
YIQ	204.4720, 29.2910, 36.3550

Conversions

Conversions Part 2

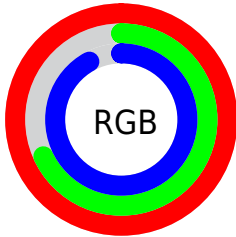
Format	Color
R _Y B	255, 173, 234
Decimal	16756202
CIE Lab	80.23, 38.97, -18.34
CIE LCh	80, 43.066, 334.799
Yxy	57.0877, 0.3331, 0.2677
Android (android.graphics.Color)	4294946282 (0xFFFFAEDA)
YUV	204.4720, 14.5573, 44.3131
Hunter-Lab	75.5564, 35.5932, -13.9134

Details

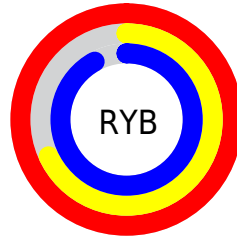
The Yxy color $57.0877, 0.3331, 0.2677$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $84.2943, 0.2973, 0.3995$, and the grayscale version is $60.5919, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $28.2783, 0.3377, 0.2535$ is the 20% darker color. If you saturate the color by 10%, you get $47.8580, 0.3415, 0.2488$, and if you desaturate by 10%, it is $68.2024, 0.3257, 0.2872$.

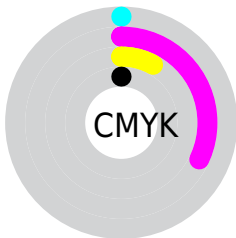
Distribution



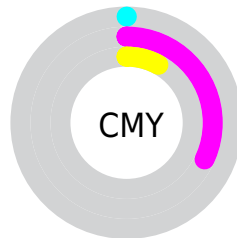
- Red (100%)
- Green (68%)
- Blue (92%)



- Red (100%)
- Yellow (68%)
- Blue (92%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0877, 0.3331, 0.2677 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 57.0877, 0.3331, 0.2677 by changing the saturation by 10% instead.


 57.0877, 0.3331,
0.2677

 57.0877, 0.3331,
0.2677


413.7779, 0.3240,
0.2957

 41.0757, 0.3351,
0.2614


 100.5931, 0.3300,
0.2773

 28.3782, 0.3375,
0.2537


128.8553, 0.3288,
0.2811

 18.6110, 0.3405,
0.2441


161.9697, 0.3277,
0.2843

 11.3895, 0.3443,
0.2316

200.3206, 0.3268,
0.2872

 6.3295, 0.3492,
0.2150

244.2925, 0.3260,
0.2897

 3.0464, 0.3558,
0.1919


294.2697, 0.3252,

 1.1560, 0.3648,

0.2919

0.1579


350.6367, 0.3246,
0.2939


 0.0253, 0.4163,
0.0107


 0.0000, 0.0000,
0.0000


 57.0877, 0.3331,
0.2677


 57.0877, 0.3331,
0.2677


 47.8580, 0.3415,
0.2488


 68.2024, 0.3257,
0.2872

 40.3989, 0.3508,
0.2314

 81.2927, 0.3193,
0.3065

 34.5957, 0.3608,
0.2165

 96.4522, 0.3138,
0.3251

 30.3168, 0.3713,
0.2052

99.9985, 0.3127,
0.3290

■ 27.4106, 0.3819,
0.1983

■ 25.6939, 0.3923,
0.1964

■ 24.9657, 0.4002,
0.1978

Harmonies

Analogous

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



57.0877, 0.2773, 0.2455



57.0877, 0.3331, 0.2677



57.0877, 0.3874, 0.3034

Triad

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



57.0877, 0.3331, 0.2677



57.0877, 0.3908, 0.4220



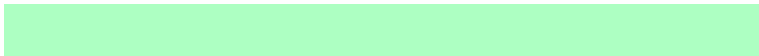
57.0877, 0.2155, 0.2963

Complementary

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



57.0877, 0.3331, 0.2677



84.2943, 0.2973, 0.3995

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.



57.0877, 0.2406, 0.3513



57.0877, 0.3331, 0.2677



57.0877, 0.3408, 0.4307

Square

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



57.0877, 0.3331, 0.2677



57.0877, 0.4211, 0.3891



57.0877, 0.2859, 0.4043



57.0877, 0.2139, 0.2577

Rectangle

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



57.0877, 0.3331, 0.2677



57.0877, 0.4129, 0.3316



57.0877, 0.2859, 0.4043



57.0877, 0.2213, 0.3134

Sweetspot

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



57.0903, 0.3331, 0.2677



84.3827, 0.3180, 0.3105



48.5135, 0.2693, 0.2370



17.6278, 0.3188, 0.3079



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.



57.0903, 0.3331, 0.2677



50.5746, 0.3387, 0.2547



55.0215, 0.3684, 0.3078



18.2163, 0.3177, 0.3115



13.0716, 0.3986, 0.1969



1.2904, 0.3877, 0.1910

Inverse Universe

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



57.0903, 0.3331, 0.2677



50.5746, 0.3387, 0.2547



86.3691, 0.2765, 0.3517



18.2163, 0.3177, 0.3115



13.0716, 0.3986, 0.1969



1.2904, 0.3877, 0.1910

Previews

White Background



This preview shows how the Yxy color 57.0877, 0.3331, 0.2677 looks on a white background.

Color Contrast Check

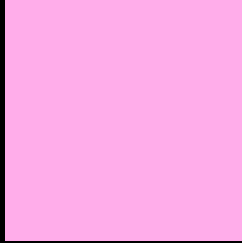
Large Text (above 18pt) WCAG AA × Fail

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 57.0877, 0.3331, 0.2677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

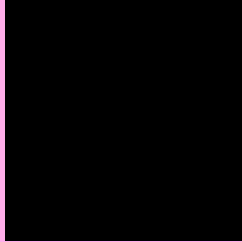
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0877, 0.3331, 0.2677

Background



This preview shows how black text looks on a background with the Yxy color 57.0877, 0.3331, 0.2677.



This preview shows how white text looks on a background with the Yxy color 57.0877, 0.3331, 0.2677.

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

57.0877, 0.3331, 0.2677

Protanopia

57.3366, 0.2690, 0.2676

Deuteranopia

57.1341, 0.2947, 0.2879



Tritanopia

56.8616, 0.3620, 0.3143

Trichromacy



Original Color

57.0877, 0.3331, 0.2677



Protanomaly

56.4079, 0.2896, 0.2664



Deuteranomaly

56.5753, 0.3086, 0.2798



Tritanomaly

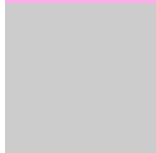
56.7432, 0.3512, 0.2958

Monochromacy



Original Color

57.0877, 0.3331, 0.2677



Achromatopsia

60.3827, 0.3127, 0.3290



Achromatomaly

58.7342, 0.3202, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0877, 0.3331, 0.2677 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, 234)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 234)  
}
```

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, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 234) }
```

Border

The CSS property to change the border of an element to Yxy 57.0877, 0.3331, 0.2677 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, 234) }
```

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

```
.border{ border-color:rgb(255, 173, 234) }
```

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, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 234);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0877, 0.3331, 0.2677 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, 234) }
```

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

```
.background{ background-color: rgb(255,  
173, 234) }
```

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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