

Converting Colors

$Y_{xy}(57.7575, 0.3382, 0.2831)$

Have a look what the booklet for
Yxy(57.7575, 0.3382, 0.2831)
contains.

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Color

Yxy(57.6777, 0.3383, 0.2827)

Conversions

Conversions Part 1

Format	Color
Hex	FBB2DF
RGB	251, 178, 223
RGB Percent	98%, 70%, 87%
CMY	0.0158, 0.3019, 0.1254
CMYK	0.00, 0.29, 0.11, 0.02
HSL	323°, 90%, 84%
HSV	323°, 29%, 98%
XYZ	69.0215, 57.6777, 77.3253
YIQ	204.9570, 29.0630, 29.4710

Conversions

Conversions Part 2

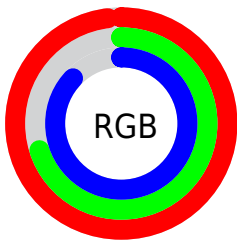
Format	Color
R _Y B	251, 178, 223
Decimal	16495327
CIE Lab	80.56, 33.22, -11.96
CIE LCh	81, 35.302, 340.205
Yxy	57.6777, 0.3383, 0.2827
Android (android.graphics.Color)	4294685407 (0xFFFBB2DF)
YUV	204.9570, 8.8952, 40.3797
Hunter-Lab	75.9458, 29.3200, -7.2048

Details

The Yxy color $57.6777, 0.3383, 0.2827$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $82.9051, 0.2937, 0.3805$, and the grayscale version is $60.9521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3256, 0.3137, 0.3088$, and $28.7118, 0.3449, 0.2711$ is the 20% darker color. If you saturate the color by 10%, you get $48.0849, 0.3503, 0.2664$, and if you desaturate by 10%, it is $69.1323, 0.3280, 0.2991$.

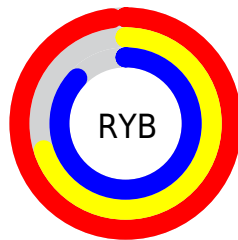
Distribution



Red (98%)

Green (70%)

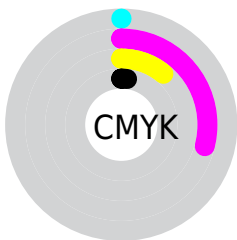
Blue (87%)



Red (98%)

Yellow (70%)

Blue (87%)

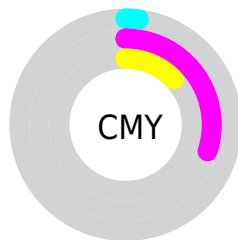


Cyan (0%)

Magenta (29%)

Yellow (11%)

Black (2%)



Cyan (2%)


Magenta (30%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.6777, 0.3383, 0.2827 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 57.6777, 0.3383, 0.2827 by changing the saturation by 10% instead.


 57.6777, 0.3383,
0.2827

 57.6777, 0.3383,
0.2827


415.9839, 0.3264,
0.3041

 41.5496, 0.3410,
0.2778


 101.4534, 0.3342,
0.2901

 28.7488, 0.3444,
0.2718

129.8697, 0.3325,
0.2930

 18.8909, 0.3487,
0.2641


163.1509, 0.3312,
0.2955

 11.5914, 0.3544,
0.2541

201.6814, 0.3300,
0.2977

 6.4661, 0.3621,
0.2406

245.8456, 0.3289,
0.2996

 3.1305, 0.3732,
0.2212


296.0278, 0.3280,

 1.2003, 0.3907,

0.3013

0.1914


352.6124, 0.3271,
0.3028


 0.0619, 0.4741,
0.0337


 0.0000, 0.0000,
0.0000


 57.6777, 0.3383,
0.2827


 57.6777, 0.3383,
0.2827


 48.0849, 0.3503,
0.2664


 69.1323, 0.3280,
0.2991


 40.2458, 0.3640,
0.2511

 82.5334, 0.3194,
0.3151

 34.0533, 0.3794,
0.2377

 97.9701, 0.3121,
0.3304

 29.3851, 0.3962,
0.2274

 99.2462, 0.3102,
0.3290

■ 26.1019, 0.4137,
0.2215

■ 24.0383, 0.4314,
0.2206

■ 22.9474, 0.4485,
0.2248

■ 22.8670, 0.4501,
0.2253

Harmonies

Analogous

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



57.6777, 0.2917, 0.2615



57.6777, 0.3383, 0.2827



57.6777, 0.3802, 0.3145

Triad

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



57.6777, 0.3383, 0.2827



57.6777, 0.3711, 0.4085



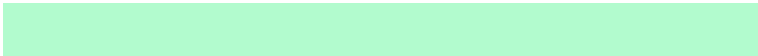
57.6777, 0.2302, 0.2961

Complementary

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



57.6777, 0.3383, 0.2827



82.9051, 0.2937, 0.3805

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.



57.6777, 0.2482, 0.3392



57.6777, 0.3383, 0.2827



57.6777, 0.3285, 0.4092

Square

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



57.6777, 0.3383, 0.2827



57.6777, 0.3990, 0.3856



57.6777, 0.2836, 0.3830



57.6777, 0.2322, 0.2667

Rectangle

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



57.6777, 0.3383, 0.2827



57.6777, 0.3982, 0.3388



57.6777, 0.2836, 0.3830



57.6777, 0.2340, 0.3094

Sweetspot

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



57.6803, 0.3383, 0.2827



85.6680, 0.3193, 0.3152



51.7550, 0.2805, 0.2484



17.8753, 0.3205, 0.3129



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.



57.6803, 0.3383, 0.2827



53.6518, 0.3452, 0.2730



55.9708, 0.3689, 0.3188



17.4052, 0.3197, 0.3145



12.0509, 0.4474, 0.2238



1.1368, 0.4281, 0.2132

Inverse Universe

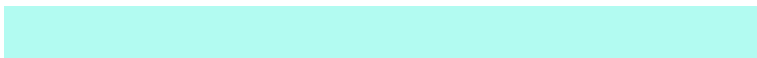
The Inverse Universe completely reimagines the original color for something new.



57.6803, 0.3383, 0.2827



53.6518, 0.3452, 0.2730



84.8165, 0.2754, 0.3396



17.4052, 0.3197, 0.3145



12.0509, 0.4474, 0.2238



1.1368, 0.4281, 0.2132

Previews

White Background



This preview shows how the Yxy color 57.6777, 0.3383, 0.2827 looks on a white background.

Color Contrast Check

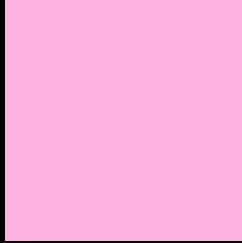
Large Text (above 18pt) WCAG AA × Fail

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 57.6777, 0.3383, 0.2827 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 57.6777, 0.3383, 0.2827

Background



This preview shows how black text looks on a background with the Yxy color 57.6777, 0.3383, 0.2827.



This preview shows how white text looks on a background with the Yxy color 57.6777, 0.3383, 0.2827.

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

57.6777, 0.3383, 0.2827

Protanopia

58.2404, 0.2830, 0.2864

Deuteranopia

58.0464, 0.3070, 0.3006



Tritanopia

57.8546, 0.3570, 0.3142

Trichromacy



Original Color

57.6777, 0.3383, 0.2827



Protanomaly

57.3273, 0.3016, 0.2844



Deuteranomaly

57.7844, 0.3184, 0.2938



Tritanomaly

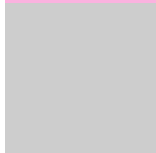
57.6437, 0.3505, 0.3028

Monochromacy



Original Color

57.6777, 0.3383, 0.2827



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.3133, 0.3216, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6777, 0.3383, 0.2827 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(251, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(251, 178, 223)  
}
```

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(251, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 178, 223) }
```

Border

The CSS property to change the border of an element to Yxy 57.6777, 0.3383, 0.2827 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(251, 178, 223) }
```

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

```
.border{ border-color:rgb(251, 178, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 178, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 178, 223);  
box-shadow:4px 4px 4px 4px rgb(251, 178,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6777, 0.3383, 0.2827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 178, 223) }
```

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

```
.background{ background-color: rgb(251,  
178, 223) }
```

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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