

Converting Colors

Yxy(57.0343, 0.3301, 0.2648)

Have a look what the booklet for
Yxy(57.0343, 0.3301, 0.2648)
contains.

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Color

Yxy(57.0724, 0.3298, 0.2648)

Conversions

Conversions Part 1

Format	Color
Hex	FEADED
RGB	254, 173, 237
RGB Percent	100%, 68%, 93%
CMY	0.0042, 0.3214, 0.0707
CMYK	0.00, 0.32, 0.07, 0.00
HSL	313°, 97%, 84%
HSV	313°, 32%, 100%
XYZ	71.0819, 57.0724, 87.3759
YIQ	204.5150, 27.7320, 37.0760

Conversions

Conversions Part 2

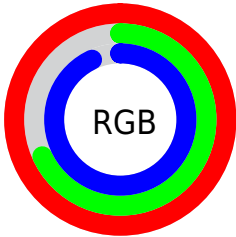
Format	Color
RYB	254, 173, 237
Decimal	16690669
CIELab	80.22, 39.11, -19.96
CIELCh	80, 43.903, 332.962
Yxy	57.0724, 0.3298, 0.2648
Android (android.graphics.Color)	4294880749 (0xFFFEADED)
YUV	204.5150, 16.0151, 43.3983
Hunter-Lab	75.5463, 35.7455, -15.6917

Details

The Yxy color **57.0724, 0.3298, 0.2648** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83.4474, 0.2994, 0.4032**, and the grayscale version is **60.6109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **28.2656, 0.3332, 0.2498** is the 20% darker color. If you saturate the color by 10%, you get **47.9350, 0.3367, 0.2449**, and if you desaturate by 10%, it is **68.0749, 0.3236, 0.2853**.

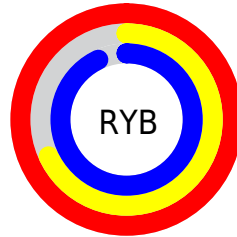
Distribution



Red (100%)

Green (68%)

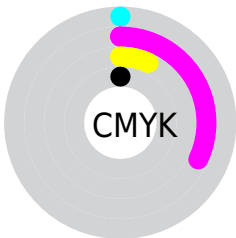
Blue (93%)



Red (100%)

Yellow (68%)

Blue (93%)

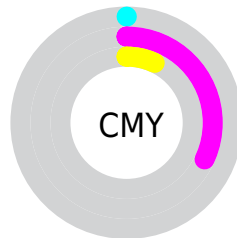


Cyan (0%)

Magenta (32%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.0724, 0.3298, 0.2648 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 57.0724, 0.3298, 0.2648 by changing the saturation by 10% instead.


 57.0724, 0.3298,
0.2648

 57.0724, 0.3298,
0.2648

413.7205, 0.3223,
0.2940

 41.0634, 0.3314,
0.2583


 100.5708, 0.3273,
0.2748

 28.3686, 0.3333,
0.2503


128.8290, 0.3263,
0.2788

 18.6037, 0.3356,
0.2402


161.9390, 0.3254,
0.2822

 11.3843, 0.3385,
0.2274

200.2853, 0.3247,
0.2851

 6.3259, 0.3421,
0.2103

244.2522, 0.3240,
0.2878

 3.0443, 0.3467,
0.1866


294.2241, 0.3234,


 1.1549, 0.3523,


0.2901


0.1520


350.5854, 0.3228,
0.2922


 0.0244, 0.3929,
0.0097


 0.0000, 0.0000,
0.0000


 57.0724, 0.3298,
0.2648


 57.0724, 0.3298,
0.2648


 47.9350, 0.3367,
0.2449

 68.0749, 0.3236,
0.2853

 40.5498, 0.3443,
0.2266

 81.0316, 0.3182,
0.3057

 34.8036, 0.3524,
0.2109

 96.0354, 0.3135,
0.3254

 30.5668, 0.3608,
0.1988

99.7981, 0.3121,
0.3290

■ 27.6900, 0.3692,
0.1910

■ 25.9933, 0.3773,
0.1881

■ 25.2621, 0.3836,
0.1887

Harmonies

Analogous

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



57.0724, 0.2735, 0.2432



57.0724, 0.3298, 0.2648



57.0724, 0.3859, 0.3003

Triad

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



57.0724, 0.3298, 0.2648



57.0724, 0.3947, 0.4222



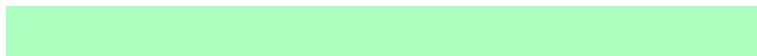
57.0724, 0.2147, 0.2986

Complementary

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



57.0724, 0.3298, 0.2648



83.4474, 0.2994, 0.4032

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.



57.0724, 0.2416, 0.3554



57.0724, 0.3298, 0.2648



57.0724, 0.3447, 0.4332

Square

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



57.0724, 0.3298, 0.2648



57.0724, 0.4241, 0.3875



57.0724, 0.2885, 0.4086



57.0724, 0.2116, 0.2581

Rectangle

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



57.0724, 0.3298, 0.2648



57.0724, 0.4131, 0.3288



57.0724, 0.2885, 0.4086



57.0724, 0.2211, 0.3164

Sweetspot

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



57.0750, 0.3298, 0.2648



84.4563, 0.3173, 0.3094



47.9019, 0.2668, 0.2373



17.6457, 0.3180, 0.3066



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.



57.0750, 0.3298, 0.2648



51.7284, 0.3340, 0.2524



55.0070, 0.3640, 0.3038



18.2313, 0.3170, 0.3104



13.3488, 0.3824, 0.1880



1.3153, 0.3740, 0.1834

Inverse Universe

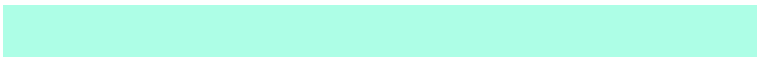
The Inverse Universe completely reimagines the original color for something new.



57.0750, 0.3298, 0.2648



51.7284, 0.3340, 0.2524



85.4244, 0.2789, 0.3561



18.2313, 0.3170, 0.3104



13.3488, 0.3824, 0.1880



1.3153, 0.3740, 0.1834

Previews

White Background



This preview shows how the Yxy color 57.0724, 0.3298, 0.2648 looks on a white background.

Color Contrast Check

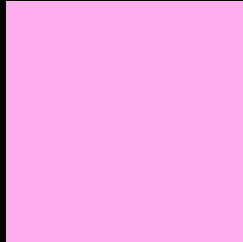
Large Text (above 18pt) WCAG AA × Fail

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 57.0724, 0.3298, 0.2648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

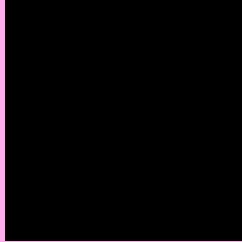
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.0724, 0.3298, 0.2648

Background



This preview shows how black text looks on a background with the Yxy color 57.0724, 0.3298, 0.2648.



This preview shows how white text looks on a background with the Yxy color 57.0724, 0.3298, 0.2648.

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

57.0724, 0.3298, 0.2648

Protanopia

57.4025, 0.2666, 0.2645

Deuteranopia

57.4700, 0.2912, 0.2857



Tritanopia

57.1276, 0.3600, 0.3143

Trichromacy



Original Color

57.0724, 0.3298, 0.2648



Protanomaly

56.4454, 0.2869, 0.2633



Deuteranomaly

56.8533, 0.3049, 0.2776



Tritanomaly

57.0032, 0.3493, 0.2957

Monochromacy



Original Color

57.0724, 0.3298, 0.2648



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

58.8377, 0.3187, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0724, 0.3298, 0.2648 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(254, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 173, 237)  
}
```

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(254, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 173, 237) }
```

Border

The CSS property to change the border of an element to Yxy 57.0724, 0.3298, 0.2648 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(254, 173, 237) }
```

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

```
.border{ border-color:rgb(254, 173, 237) }
```

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

Here you see how a box with a 4 pixel rgb(254, 173, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 173,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0724, 0.3298, 0.2648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 173, 237) }
```

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

```
.background{ background-color: rgb(254,  
173, 237) }
```

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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