

Converting Colors

Yxy(57.4576, 0.3087, 0.2492)

Have a look what the booklet for
Yxy(57.4576, 0.3087, 0.2492)
contains.

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Color

Yxy(57.2924, 0.3085, 0.2488)

Conversions

Conversions Part 1

Format	Color
Hex	F5AFFF
RGB	245, 175, 255
RGB Percent	96%, 69%, 100%
CMY	0.0392, 0.3137, 0.0000
CMYK	0.04, 0.31, 0.00, 0.00
HSL	293°, 100%, 84%
HSV	293°, 31%, 100%
XYZ	71.0398, 57.2924, 101.9427
YIQ	205.0500, 16.0400, 39.7200

Conversions

Conversions Part 2

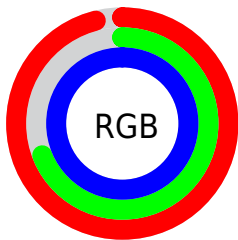
Format	Color
R _Y B	245, 175, 255
Decimal	16101375
CIE Lab	80.34, 38.48, -29.55
CIE LCh	80, 48.518, 322.483
Yxy	57.2924, 0.3085, 0.2488
Android (android.graphics.Color)	4294291455 (0xFF5A5A5A)
YUV	205.0500, 24.6254, 35.0362
Hunter-Lab	75.6917, 35.0690, -26.8684

Details

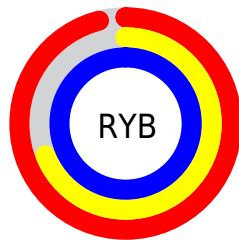
The Yxy color **57.2924, 0.3085, 0.2488** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **84.9290, 0.3143, 0.4204**, and the grayscale version is **60.9168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.6318, 0.3138, 0.3058**, and **28.4433, 0.3067, 0.2310** is the 20% darker color. If you saturate the color by 10%, you get **47.7185, 0.3064, 0.2235**, and if you desaturate by 10%, it is **68.7519, 0.3102, 0.2749**.

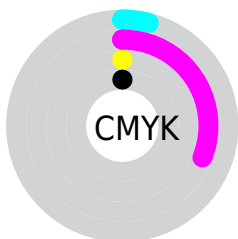
Distribution



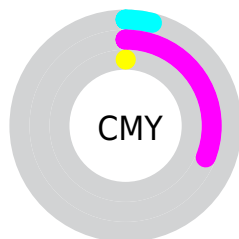
- Red (96%)
- Green (69%)
- Blue (100%)



- Red (96%)
- Yellow (69%)
- Blue (100%)



- Cyan (4%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (4%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2924, 0.3085, 0.2488 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 57.2924, 0.3085, 0.2488 by changing the saturation by 10% instead.

 57.2924, 0.3085,
0.2488

 57.2924, 0.3085,
0.2488


414.5441, 0.3115,
0.2848

 41.2400, 0.3076,
0.2409


 100.8917, 0.3097,
0.2610

 28.5067, 0.3063,
0.2313


129.2075, 0.3101,
0.2659

 18.7080, 0.3046,
0.2194


162.3798, 0.3105,
0.2701

 11.4595, 0.3020,
0.2044

200.7931, 0.3108,
0.2737

 6.3768, 0.2980,
0.1848

244.8318, 0.3110,
0.2770

 3.0755, 0.2913,
0.1586


294.8803, 0.3112,

 1.1713, 0.2790,


0.2799

0.1223


351.3229, 0.3113,
0.2825


 0.0381, 0.2701,
0.0105


 0.0000, 0.0000,
0.0000


 57.2924, 0.3085,
0.2488

 57.2924, 0.3085,
0.2488

 47.7185, 0.3064,
0.2235


 68.7519, 0.3102,
0.2749

 39.9220, 0.3040,
0.1998

 82.1921, 0.3116,
0.3007

 33.7873, 0.3012,
0.1790

 97.7045, 0.3126,
0.3257

 29.1843, 0.2982,
0.1618

100.0000, 0.3127,
0.3290

■ 25.9632, 0.2950,
0.1490

■ 23.9442, 0.2918,
0.1407

■ 22.9298, 0.2890,
0.1365

Harmonies

Analogous

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



57.2924, 0.2512, 0.2318



57.2924, 0.3085, 0.2488



57.2924, 0.3731, 0.2826

Triad

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



57.2924, 0.3085, 0.2488



57.2924, 0.4171, 0.4193



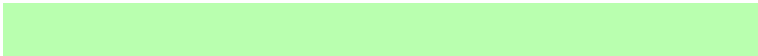
57.2924, 0.2128, 0.3154

Complementary

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



57.2924, 0.3085, 0.2488



84.9290, 0.3143, 0.4204

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.



57.2924, 0.2502, 0.3809



57.2924, 0.3085, 0.2488



57.2924, 0.3679, 0.4440

Square

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



57.2924, 0.3085, 0.2488



57.2924, 0.4388, 0.3757



57.2924, 0.3067, 0.4320



57.2924, 0.2006, 0.2634

Rectangle

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



57.2924, 0.3085, 0.2488



57.2924, 0.4095, 0.3116



57.2924, 0.3067, 0.4320



57.2924, 0.2226, 0.3368

Sweetspot

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



57.2932, 0.3085, 0.2488



85.6815, 0.3118, 0.3067



51.3116, 0.2580, 0.2488



17.8784, 0.3117, 0.3030



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.



57.2932, 0.3085, 0.2488



50.7433, 0.3072, 0.2319



57.3928, 0.3398, 0.2776



18.1784, 0.3118, 0.3054



12.0266, 0.2895, 0.1368



1.2019, 0.2933, 0.1389

Inverse Universe

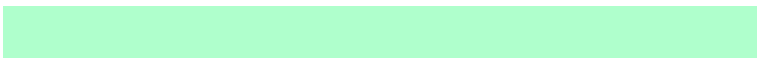
The Inverse Universe completely reimagines the original color for something new.



55.4227, 0.3757, 0.3187



48.6580, 0.3952, 0.3165



85.0097, 0.2930, 0.3869



18.0240, 0.3275, 0.3261



11.1743, 0.6247, 0.3215



1.0991, 0.6001, 0.3080

Previews

White Background



This preview shows how the Yxy color 57.2924, 0.3085, 0.2488 looks on a white background.

Color Contrast Check

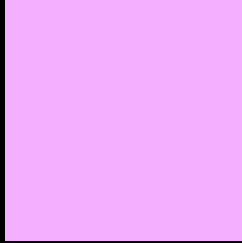
Large Text (above 18pt) WCAG AA × Fail

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 57.2924, 0.3085, 0.2488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

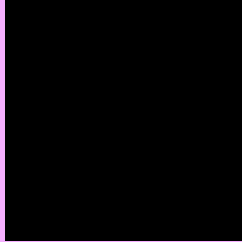
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.2924, 0.3085, 0.2488

Background



This preview shows how black text looks on a background with the Yxy color 57.2924, 0.3085, 0.2488.



This preview shows how white text looks on a background with the Yxy color 57.2924, 0.3085, 0.2488.

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

57.2924, 0.3085, 0.2488

Protanopia

57.7985, 0.2655, 0.2645

Deuteranopia

57.6514, 0.2729, 0.2671



Tritanopia

57.2925, 0.3445, 0.3138

Trichromacy



Original Color

57.2924, 0.3085, 0.2488



Protanomaly

57.1687, 0.2796, 0.2581



Deuteranomaly

56.8436, 0.2850, 0.2595



Tritanomaly

57.1485, 0.3312, 0.2886

Monochromacy



Original Color

57.2924, 0.3085, 0.2488



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

59.1269, 0.3119, 0.2968

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2924, 0.3085, 0.2488 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(245, 175, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 175, 255)  
}
```

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(245, 175, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 175, 255) }
```

Border

The CSS property to change the border of an element to Yxy 57.2924, 0.3085, 0.2488 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(245, 175, 255) }
```

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

```
.border{ border-color:rgb(245, 175, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 175, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 175, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 175, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 175,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2924, 0.3085, 0.2488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 175, 255) }
```

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

```
.background{ background-color: rgb(245,  
175, 255) }
```

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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