

Converting Colors

Yxy(57.8097, 0.2985, 0.2697)

Have a look what the booklet for
Yxy(57.8097, 0.2985, 0.2697)
contains.

Yxy(57.8097, 0.2985, 0.2697)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(57.8097, 0.2985, 0.2697)

Conversions

Conversions Part 1

Format	Color
Hex	DDBC F3
RGB	221, 188, 243
RGB Percent	87%, 74%, 95%
CMY	0.1332, 0.2628, 0.0472
CMYK	0.09, 0.23, 0.00, 0.05
HSL	276°, 70%, 85%
HSV	276°, 23%, 95%
XYZ	63.9829, 57.8097, 92.5555
YIQ	204.1370, 2.0130, 24.1010

Conversions

Conversions Part 2

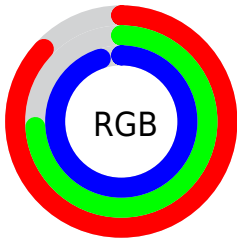
Format	Color
R _Y B	221, 188, 243
Decimal	14531827
CIE Lab	80.63, 21.69, -22.85
CIE LCh	81, 31.501, 313.504
Yxy	57.8097, 0.2985, 0.2697
Android (android.graphics.Color)	4292721907 (0xFFDDBC F3)
YUV	204.1370, 19.1595, 14.7889
Hunter-Lab	76.0327, 17.1539, -18.9516

Details

The Yxy color $57.8097, 0.2985, 0.2697$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $81.4061, 0.3241, 0.3899$, and the grayscale version is $60.3531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.1814, 0.3132, 0.3185$, and $28.9151, 0.2936, 0.2561$ is the 20% darker color. If you saturate the color by 10%, you get $46.8120, 0.2905, 0.2413$, and if you desaturate by 10%, it is $70.6477, 0.3054, 0.2970$.

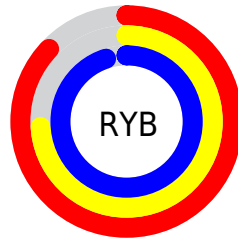
Distribution



Red (87%)

Green (74%)

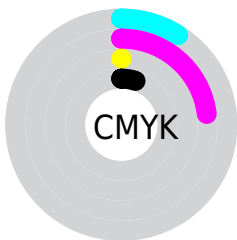
Blue (95%)



Red (87%)

Yellow (74%)

Blue (95%)

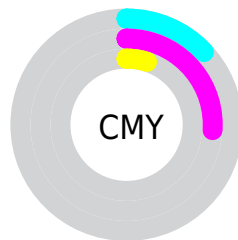


Cyan (9%)

Magenta (23%)

Yellow (0%)

Black (5%)



Cyan (13%)


Magenta (26%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.8097, 0.2985, 0.2697 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 57.8097, 0.2985, 0.2697 by changing the saturation by 10% instead.


 57.8097, 0.2985,
0.2697

 57.8097, 0.2985,
0.2697


416.4765, 0.3057,
0.2970

 41.6557, 0.2967,
0.2635


 101.6457, 0.3011,
0.2791

 28.8318, 0.2944,
0.2559

130.0964, 0.3021,
0.2828

 18.9536, 0.2913,
0.2464

163.4149, 0.3030,
0.2860

 11.6368, 0.2871,
0.2340

201.9854, 0.3037,
0.2887

 6.4968, 0.2811,
0.2175

246.1925, 0.3043,
0.2912

 3.1495, 0.2716,
0.1943

296.4204, 0.3048,

 1.2103, 0.2554,

0.2933

0.1599

353.0536, 0.3053,
0.2953

0.0701, 0.2358,
0.0277

0.0000, 0.0000,
0.0000

57.8097, 0.2985,
0.2697

57.8097, 0.2985,
0.2697

46.8120, 0.2905,
0.2413

70.6477, 0.3054,
0.2970

37.5582, 0.2814,
0.2126

85.4013, 0.3113,
0.3226

29.9544, 0.2715,
0.1846

98.3356, 0.3166,
0.3407

23.8944, 0.2609,
0.1588

99.2493, 0.3197,
0.3405

■ 19.2593, 0.2500,
0.1364

■ 15.9120, 0.2392,
0.1186

■ 13.6872, 0.2289,
0.1060

■ 12.5812, 0.2219,
0.0996

Harmonies

Analogous

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



57.8097, 0.2630, 0.2626



57.8097, 0.2985, 0.2697



57.8097, 0.3402, 0.2902

Triad

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



57.8097, 0.2985, 0.2697



57.8097, 0.3881, 0.3831



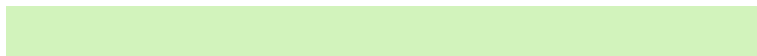
57.8097, 0.2523, 0.3339

Complementary

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



57.8097, 0.2985, 0.2697



81.4061, 0.3241, 0.3899

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.



57.8097, 0.2828, 0.3730



57.8097, 0.2985, 0.2697



57.8097, 0.3614, 0.4011

Square

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



57.8097, 0.2985, 0.2697



57.8097, 0.3939, 0.3531



57.8097, 0.3227, 0.3985



57.8097, 0.2378, 0.2964

Rectangle

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



57.8097, 0.2985, 0.2697



57.8097, 0.3656, 0.3092



57.8097, 0.3227, 0.3985



57.8097, 0.2610, 0.3475

Sweetspot

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



57.8121, 0.2985, 0.2697



87.8092, 0.3089, 0.3116



63.2470, 0.2763, 0.2914



18.5807, 0.3085, 0.3100



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.



57.8121, 0.2985, 0.2697



58.8174, 0.2951, 0.2572



61.1570, 0.3195, 0.2779



16.4192, 0.3074, 0.3052



6.9875, 0.2233, 0.1004



0.6738, 0.2353, 0.1070

Inverse Universe

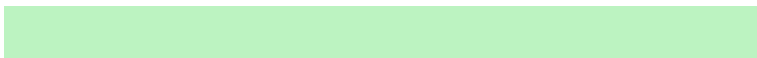
The Inverse Universe completely reimagines the original color for something new.



59.6648, 0.3410, 0.3057



61.2770, 0.3482, 0.3009



78.6468, 0.3066, 0.3860



16.5921, 0.3231, 0.3196



10.9562, 0.5383, 0.2739



0.9826, 0.5052, 0.2556

Previews

White Background



This preview shows how the Yxy color 57.8097, 0.2985, 0.2697 looks on a white background.

Color Contrast Check

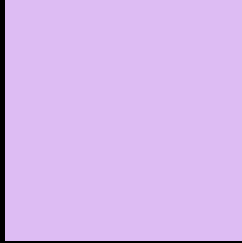
Large Text (above 18pt) WCAG AA × Fail

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 57.8097, 0.2985, 0.2697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

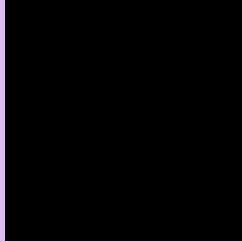
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.8097, 0.2985, 0.2697

Background



This preview shows how black text looks on a background with the Yxy color 57.8097, 0.2985, 0.2697.



This preview shows how white text looks on a background with the Yxy color 57.8097, 0.2985, 0.2697.

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

57.8097, 0.2985, 0.2697

Protanopia

57.9817, 0.2710, 0.2700

Deuteranopia

57.9728, 0.2839, 0.2781



Tritanopia

57.7860, 0.3191, 0.3119

Trichromacy



Original Color

57.8097, 0.2985, 0.2697

Protanomaly

57.5783, 0.2807, 0.2698

Deuteranomaly

57.8161, 0.2888, 0.2745

Tritanomaly

57.8252, 0.3119, 0.2965

Monochromacy



Original Color

57.8097, 0.2985, 0.2697

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.1518, 0.3076, 0.3062

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.8097, 0.2985, 0.2697 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(221, 188, 243)` looks like.

```
.text, #text, p{  
    color:rgb(221, 188, 243)  
}
```

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(221, 188, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 188, 243) }
```

Border

The CSS property to change the border of an element to Yxy 57.8097, 0.2985, 0.2697 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(221, 188, 243) }
```

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

```
.border{ border-color:rgb(221, 188, 243) }
```

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

Here you see how a box with a 4 pixel rgb(221, 188, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 188, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 188, 243);  
box-shadow:4px 4px 4px 4px rgb(221, 188,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 57.8097, 0.2985, 0.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 188, 243) }
```

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

```
.background{ background-color: rgb(221,  
188, 243) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor