

Converting Colors

$Yxy(57.5780, 0.3037, 0.2793)$

Have a look what the booklet for
Yxy(57.5780, 0.3037, 0.2793)
contains.

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Color

Yxy(57.5513, 0.3041, 0.2797)

Conversions

Conversions Part 1

Format	Color
Hex	DCBDEA
RGB	220, 189, 234
RGB Percent	86%, 74%, 92%
CMY	0.1371, 0.2589, 0.0824
CMYK	0.06, 0.19, 0.00, 0.08
HSL	281°, 52%, 83%
HSV	281°, 19%, 92%
XYZ	62.5719, 57.5513, 85.6377
YIQ	203.3990, 4.0310, 20.5670

Conversions

Conversions Part 2

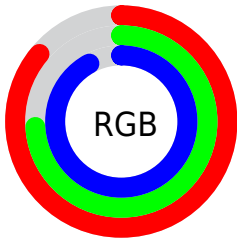
Format	Color
RYB	220, 189, 234
Decimal	14466538
CIELab	80.49, 19.06, -18.25
CIElCh	80, 26.392, 316.239
Yxy	57.5513, 0.3041, 0.2797
Android (android.graphics.Color)	4292656618 (0xFFDCBDEA)
YUV	203.3990, 15.0863, 14.5591
Hunter-Lab	75.8626, 14.4683, -13.8259

Details

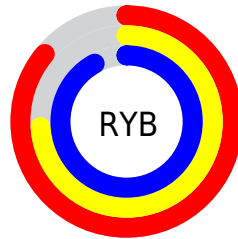
The Yxy color **57.5513, 0.3041, 0.2797** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **75.1949, 0.3197, 0.3803**, and the grayscale version is **59.8899, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7848, 0.3132, 0.3194**, and **28.8220, 0.3020, 0.2690** is the 20% darker color. If you saturate the color by 10%, you get **47.1803, 0.2984, 0.2523**, and if you desaturate by 10%, it is **69.6000, 0.3089, 0.3060**.

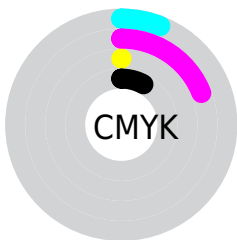
Distribution



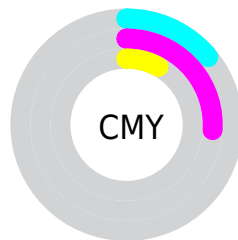
- Red (86%)
- Green (74%)
- Blue (92%)



- Red (86%)
- Yellow (74%)
- Blue (92%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)





- Cyan (14%)
- Magenta (26%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.5513, 0.3041, 0.2797 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 57.5513, 0.3041, 0.2797 by changing the saturation by 10% instead.


 57.5513, 0.3041,
0.2797

 57.5513, 0.3041,
0.2797


415.5119, 0.3086,
0.3026

 41.4480, 0.3030,
0.2745


 101.2692, 0.3057,
0.2877

 28.6693, 0.3015,
0.2680


129.6525, 0.3064,
0.2907

 18.8308, 0.2995,
0.2598


162.8981, 0.3069,
0.2934

 11.5481, 0.2968,
0.2491

201.3902, 0.3073,
0.2957

 6.4368, 0.2928,
0.2346

245.5132, 0.3077,
0.2978

 3.1124, 0.2864,
0.2138


295.6516, 0.3080,

 1.1907, 0.2748,


0.2996


0.1819


352.1897, 0.3083,
0.3012


 0.0541, 0.2642,
0.0277


 0.0000, 0.0000,
0.0000


 57.5513, 0.3041,
0.2797


 57.5513, 0.3041,
0.2797

 47.1803, 0.2984,
0.2523


 69.6000, 0.3089,
0.3060


 38.4013, 0.2919,
0.2247

 83.3921, 0.3130,
0.3309

 31.1321, 0.2846,
0.1978

 96.2992, 0.3166,
0.3498

 25.2798, 0.2766,
0.1728

 97.6056, 0.3212,
0.3495

■ 20.7413, 0.2682,
0.1508

■ 98.7194, 0.3250,
0.3493

■ 17.3990, 0.2597,
0.1331

■ 15.1136, 0.2514,
0.1201

■ 13.6674, 0.2434,
0.1117

■ 13.5697, 0.2428,
0.1111

Harmonies

Analogous

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



57.5513, 0.2732, 0.2726



57.5513, 0.3041, 0.2797



57.5513, 0.3391, 0.2981

Triad

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



57.5513, 0.3041, 0.2797



57.5513, 0.3747, 0.3769



57.5513, 0.2600, 0.3303

Complementary

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



57.5513, 0.3041, 0.2797



75.1949, 0.3197, 0.3803

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.



57.5513, 0.2850, 0.3629



57.5513, 0.3041, 0.2797



57.5513, 0.3513, 0.3900

Square

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



57.5513, 0.3041, 0.2797



57.5513, 0.3811, 0.3525



57.5513, 0.3183, 0.3855



57.5513, 0.2488, 0.2995

Rectangle

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



57.5513, 0.3041, 0.2797



57.5513, 0.3596, 0.3149



57.5513, 0.3183, 0.3855



57.5513, 0.2670, 0.3416

Sweetspot

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



57.5538, 0.3041, 0.2797



89.7360, 0.3103, 0.3142



59.5815, 0.2818, 0.2933



18.9782, 0.3101, 0.3125



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.



57.5538, 0.3041, 0.2797



64.8340, 0.3020, 0.2692



59.3570, 0.3212, 0.2897



15.0662, 0.3088, 0.3054



7.6962, 0.2440, 0.1118



0.6548, 0.2549, 0.1178

Inverse Universe

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



58.1889, 0.3391, 0.3138



65.7794, 0.3458, 0.3105



73.6949, 0.3053, 0.3718



15.1309, 0.3244, 0.3217



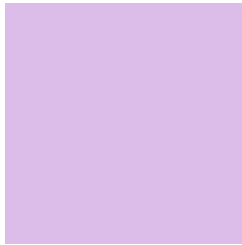
10.1161, 0.5724, 0.2927



0.8111, 0.5331, 0.2711

Previews

White Background



This preview shows how the Yxy color 57.5513, 0.3041, 0.2797 looks on a white background.

Color Contrast Check

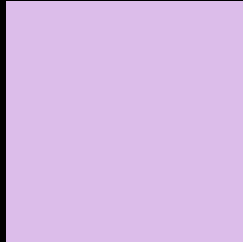
Large Text (above 18pt) WCAG AA × Fail

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 57.5513, 0.3041, 0.2797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

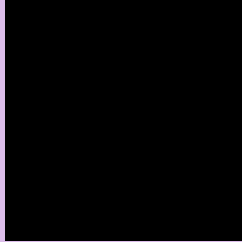
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.5513, 0.3041, 0.2797

Background



This preview shows how black text looks on a background with the Yxy color 57.5513, 0.3041, 0.2797.



This preview shows how white text looks on a background with the Yxy color 57.5513, 0.3041, 0.2797.

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

57.5513, 0.3041, 0.2797

Protanopia

57.7558, 0.2791, 0.2807

Deuteranopia

57.6099, 0.2920, 0.2858



Tritanopia

57.3423, 0.3192, 0.3108

Trichromacy



Original Color

57.5513, 0.3041, 0.2797

Protanomaly

57.7598, 0.2879, 0.2804

Deuteranomaly

57.5784, 0.2964, 0.2841

Tritanomaly

57.5129, 0.3133, 0.2997

Monochromacy



Original Color

57.5513, 0.3041, 0.2797

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7985, 0.3097, 0.3106

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.5513, 0.3041, 0.2797 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(220, 189, 234)` looks like.

```
.text, #text, p{  
    color:rgb(220, 189, 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(220, 189, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 189, 234) }
```

Border

The CSS property to change the border of an element to Yxy 57.5513, 0.3041, 0.2797 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(220, 189, 234) }
```

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

```
.border{ border-color:rgb(220, 189, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 189, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 189, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 189, 234);  
box-shadow:4px 4px 4px 4px rgb(220, 189,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 57.5513, 0.3041, 0.2797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 189, 234) }
```

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

```
.background{ background-color: rgb(220,  
189, 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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