

Converting Colors

$Yxy(57.2475, 0.3044, 0.2804)$

Have a look what the booklet for
Yxy(57.2475, 0.3044, 0.2804)
contains.

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Color

Yxy(57.3385, 0.3040, 0.2806)

Conversions

Conversions Part 1

Format	Color
Hex	DBBDE9
RGB	219, 189, 233
RGB Percent	86%, 74%, 91%
CMY	0.1411, 0.2588, 0.0863
CMYK	0.06, 0.19, 0.00, 0.09
HSL	281°, 50%, 83%
HSV	281°, 19%, 91%
XYZ	62.1201, 57.3385, 84.8839
YIQ	202.9860, 3.7560, 20.0440

Conversions

Conversions Part 2

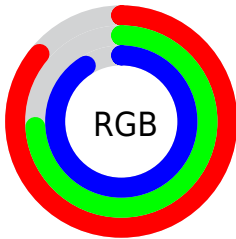
Format	Color
R _Y B	219, 189, 233
Decimal	14401001
CIE Lab	80.37, 18.53, -17.92
CIE LCh	80, 25.772, 315.957
Yxy	57.3385, 0.3040, 0.2806
Android (android.graphics.Color)	4292591081 (0xFFDBBDE9)
YUV	202.9860, 14.7969, 14.0443
Hunter-Lab	75.7222, 13.9220, -13.4580

Details

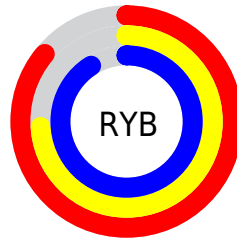
The Yxy color $57.3385, 0.3040, 0.2806$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $74.6486, 0.3198, 0.3792$, and the grayscale version is $59.6172, 0.3127, 0.3290$.

A 20% lighter version of the original color is $93.7848, 0.3132, 0.3194$, and $28.6752, 0.3019, 0.2701$ is the 20% darker color. If you saturate the color by 10%, you get $46.9849, 0.2982, 0.2532$, and if you desaturate by 10%, it is $69.3584, 0.3090, 0.3069$.

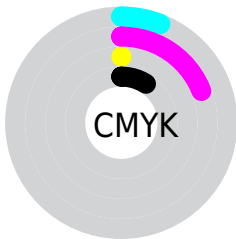
Distribution



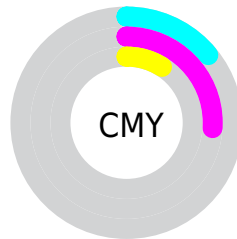
- Red (86%)
- Green (74%)
- Blue (91%)



- Red (86%)
- Yellow (74%)
- Blue (91%)



- Cyan (6%)
- Magenta (19%)
- Yellow (0%)
- Black (9%)





- Cyan (14%)
- Magenta (26%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3385, 0.3040, 0.2806 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 57.3385, 0.3040, 0.2806 by changing the saturation by 10% instead.


 57.3385, 0.3040,
0.2806

 57.3385, 0.3040,
0.2806

414.7165, 0.3085,
0.3031

 41.2771, 0.3029,
0.2754


 100.9589, 0.3057,
0.2884

 28.5356, 0.3014,
0.2691

129.2867, 0.3063,
0.2915

 18.7298, 0.2994,
0.2610


162.4721, 0.3068,
0.2941

 11.4752, 0.2967,
0.2504

200.8995, 0.3072,
0.2964

 6.3874, 0.2927,
0.2360

244.9532, 0.3076,
0.2984

 3.0821, 0.2862,
0.2154


295.0177, 0.3079,

 1.1747, 0.2746,


0.3001


0.1837


351.4773, 0.3082,
0.3017

 0.0409, 0.2628,
0.0219


 0.0000, 0.0000,
0.0000


 57.3385, 0.3040,
0.2806


 57.3385, 0.3040,
0.2806


 46.9849, 0.2982,
0.2532


 69.3584, 0.3090,
0.3069


 38.2130, 0.2915,
0.2255

 83.1094, 0.3131,
0.3317

 30.9413, 0.2840,
0.1984

 96.1462, 0.3168,
0.3508

 25.0784, 0.2758,
0.1731

 97.4788, 0.3215,
0.3505

■ 20.5226, 0.2672,
0.1509

■ 98.6632, 0.3256,
0.3503

■ 17.1579, 0.2585,
0.1328

■ 14.8475, 0.2499,
0.1195

■ 13.3845, 0.2417,
0.1109

■ 13.2432, 0.2408,
0.1100

Harmonies

Analogous

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



57.3385, 0.2738, 0.2738



57.3385, 0.3040, 0.2806



57.3385, 0.3382, 0.2986

Triad

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



57.3385, 0.3040, 0.2806



57.3385, 0.3735, 0.3757



57.3385, 0.2613, 0.3306

Complementary

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



57.3385, 0.3040, 0.2806



74.6486, 0.3198, 0.3792

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.



57.3385, 0.2859, 0.3624



57.3385, 0.3040, 0.2806



57.3385, 0.3508, 0.3886

Square

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



57.3385, 0.3040, 0.2806



57.3385, 0.3795, 0.3518



57.3385, 0.3185, 0.3843



57.3385, 0.2502, 0.3005

Rectangle

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



57.3385, 0.3040, 0.2806



57.3385, 0.3583, 0.3150



57.3385, 0.3185, 0.3843



57.3385, 0.2682, 0.3416

Sweetspot

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



57.3409, 0.3040, 0.2806



89.7124, 0.3102, 0.3142



59.7310, 0.2825, 0.2949



18.9726, 0.3100, 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.



57.3409, 0.3040, 0.2806



64.7500, 0.3016, 0.2691



59.1931, 0.3204, 0.2896



15.0597, 0.3087, 0.3054



7.5836, 0.2421, 0.1107



0.6466, 0.2532, 0.1168

Inverse Universe

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



58.0320, 0.3383, 0.3137



65.8045, 0.3455, 0.3100



73.0983, 0.3059, 0.3718



15.1330, 0.3243, 0.3215



10.1311, 0.5694, 0.2910



0.8124, 0.5302, 0.2694

Previews

White Background



This preview shows how the Yxy color 57.3385, 0.3040, 0.2806 looks on a white background.

Color Contrast Check

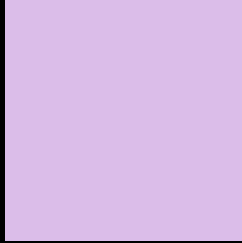
Large Text (above 18pt) WCAG AA × Fail

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 57.3385, 0.3040, 0.2806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

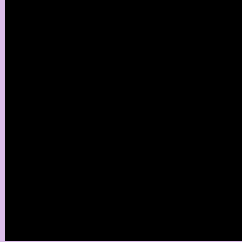
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.3385, 0.3040, 0.2806

Background



This preview shows how black text looks on a background with the Yxy color 57.3385, 0.3040, 0.2806.



This preview shows how white text looks on a background with the Yxy color 57.3385, 0.3040, 0.2806.

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

57.3385, 0.3040, 0.2806

Protanopia

57.6965, 0.2797, 0.2818

Deuteranopia

57.5529, 0.2926, 0.2869



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color

57.3385, 0.3040, 0.2806

Protanomaly

57.5621, 0.2879, 0.2814

Deuteranomaly

57.5214, 0.2971, 0.2851

Tritanomaly

57.3080, 0.3132, 0.3007

Monochromacy



Original Color

57.3385, 0.3040, 0.2806

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 57.3385, 0.3040, 0.2806 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(219, 189, 233)` looks like.

```
.text, #text, p{  
    color:rgb(219, 189, 233)  
}
```

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(219, 189, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 189, 233) }
```

Border

The CSS property to change the border of an element to Yxy 57.3385, 0.3040, 0.2806 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(219, 189, 233) }
```

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

```
.border{ border-color:rgb(219, 189, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 189, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 189, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 189, 233);  
box-shadow:4px 4px 4px 4px rgb(219, 189,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3385, 0.3040, 0.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 189, 233) }
```

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

```
.background{ background-color: rgb(219,  
189, 233) }
```

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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