

Converting Colors

$Y_{xy}(57.7778, 0.3177, 0.3008)$

Have a look what the booklet for
Yxy(57.7778, 0.3177, 0.3008)
contains.

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Color

Yxy(57.6435, 0.3173, 0.3000)

Conversions

Conversions Part 1

Format	Color
Hex	DDBFD9
RGB	221, 191, 217
RGB Percent	87%, 75%, 85%
CMY	0.1334, 0.2509, 0.1492
CMYK	0.00, 0.14, 0.02, 0.13
HSL	308°, 31%, 81%
HSV	308°, 14%, 87%
XYZ	60.9676, 57.6435, 73.5339
YIQ	202.9340, 9.5340, 14.4460

Conversions

Conversions Part 2

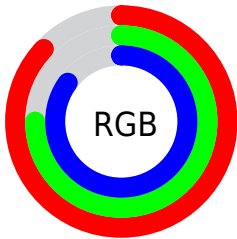
Format	Color
R_{YB}	221, 191, 217
Decimal	14532569
CIE _{Lab}	80.54, 15.09, -9.02
CIE _{LCh}	81, 17.582, 329.124
Yxy	57.6435, 0.3173, 0.3000
Android (android.graphics.Color)	4292722649 (0xFFDDBFD9)
YUV	202.9340, 6.9345, 15.8439
Hunter-Lab	75.9233, 10.4725, -4.2777

Details

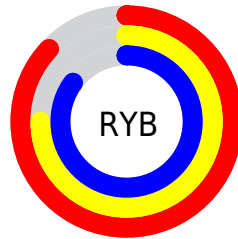
The Yxy color **57.6435, 0.3173, 0.3000** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.7276, 0.3084, 0.3598**, and the grayscale version is **59.6285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0015, 0.3131, 0.3214**, and **28.6069, 0.3188, 0.2923** is the 20% darker color. If you saturate the color by 10%, you get **48.5696, 0.3212, 0.2780**, and if you desaturate by 10%, it is **68.1794, 0.3138, 0.3215**.

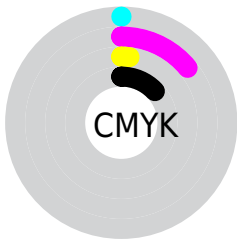
Distribution



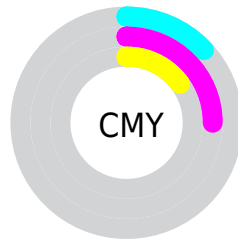
- Red (87%)
- Green (75%)
- Blue (85%)



- Red (87%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (14%)
- Yellow (2%)
- Black (13%)




- Cyan (13%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.6435, 0.3173, 0.3000 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 57.6435, 0.3173, 0.3000 by changing the saturation by 10% instead.

 57.6435, 0.3173,
0.3000

 57.6435, 0.3173,
0.3000


415.8562, 0.3152,
0.3137

 41.5221, 0.3178,
0.2968


 101.4035, 0.3166,
0.3048

 28.7273, 0.3183,
0.2928

129.8110, 0.3163,
0.3066

 18.8746, 0.3190,
0.2878


163.0825, 0.3161,
0.3082

 11.5797, 0.3199,
0.2810

201.6026, 0.3159,
0.3096

 6.4582, 0.3210,
0.2717

245.7557, 0.3157,
0.3108

 3.1256, 0.3225,
0.2579

295.9260, 0.3155,

 1.1977, 0.3246,

0.3119

0.2355

352.4981, 0.3154,
0.3128

0.0598, 0.3601,
0.0506

0.0000, 0.0000,
0.0000

57.6435, 0.3173,
0.3000

57.6435, 0.3173,
0.3000

48.5696, 0.3212,
0.2780

68.1794, 0.3138,
0.3215

40.8854, 0.3256,
0.2561

80.2307, 0.3108,
0.3421

34.5233, 0.3303,
0.2351

92.3742, 0.3083,
0.3592

29.4076, 0.3353,
0.2160

92.5384, 0.3066,
0.3561

■ 25.4545, 0.3406,
0.1997

■ 92.7055, 0.3050,
0.3529

■ 22.5702, 0.3458,
0.1872

■ 92.8753, 0.3033,
0.3498

■ 20.6462, 0.3508,
0.1791

■ 93.0481, 0.3017,
0.3467

■ 19.5510, 0.3556,
0.1754

■ 93.2237, 0.3000,
0.3436

■ 19.1462, 0.3585,
0.1748

■ 93.4022, 0.2984,
0.3405

Harmonies

Analogous

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



57.6435, 0.2946, 0.2916



57.6435, 0.3173, 0.3000



57.6435, 0.3394, 0.3154

Triad

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



57.6435, 0.3173, 0.3000



57.6435, 0.3487, 0.3661



57.6435, 0.2726, 0.3211

Complementary

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



57.6435, 0.3173, 0.3000



66.7276, 0.3084, 0.3598

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.



57.6435, 0.2861, 0.3426



57.6435, 0.3173, 0.3000



57.6435, 0.3298, 0.3694

Square

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



57.6435, 0.3173, 0.3000



57.6435, 0.3579, 0.3531



57.6435, 0.3069, 0.3608



57.6435, 0.2695, 0.3028

Rectangle

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



57.6435, 0.3173, 0.3000



57.6435, 0.3506, 0.3280



57.6435, 0.3069, 0.3608



57.6435, 0.2761, 0.3282

Sweetspot

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



57.6460, 0.3173, 0.3000



93.5760, 0.3140, 0.3205



54.0909, 0.2941, 0.2935



19.7787, 0.3142, 0.3189



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.



57.6460, 0.3173, 0.3000



76.3266, 0.3183, 0.2944



56.9026, 0.3288, 0.3165



13.2432, 0.3158, 0.3090



11.1357, 0.3578, 0.1745



0.7299, 0.3509, 0.1707

Inverse Universe

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



57.6460, 0.3173, 0.3000



76.3266, 0.3183, 0.2944



67.4388, 0.2989, 0.3418



13.2432, 0.3158, 0.3090



11.1357, 0.3578, 0.1745



0.7299, 0.3509, 0.1707

Previews

White Background



This preview shows how the Yxy color 57.6435, 0.3173, 0.3000 looks on a white background.

Color Contrast Check

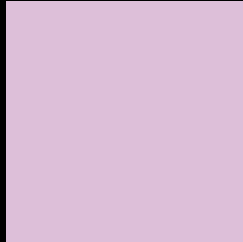
Large Text (above 18pt) WCAG AA × Fail

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 57.6435, 0.3173, 0.3000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

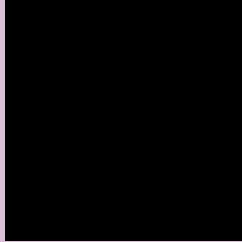
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 57.6435, 0.3173, 0.3000

Background



This preview shows how black text looks on a background with the Yxy color 57.6435, 0.3173, 0.3000.



This preview shows how white text looks on a background with the Yxy color 57.6435, 0.3173, 0.3000.

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

57.6435, 0.3173, 0.3000

Protanopia

57.9911, 0.2951, 0.3021

Deuteranopia

57.5385, 0.3107, 0.3039



Tritanopia

57.9096, 0.3232, 0.3121

Trichromacy



Original Color

57.6435, 0.3173, 0.3000

Protanomaly

57.7690, 0.3032, 0.3014

Deuteranomaly

57.5449, 0.3131, 0.3029

Tritanomaly

57.6181, 0.3210, 0.3076

Monochromacy



Original Color

57.6435, 0.3173, 0.3000

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1026, 0.3148, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.6435, 0.3173, 0.3000 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, 191, 217)` looks like.

```
.text, #text, p{  
    color:rgb(221, 191, 217)  
}
```

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, 191, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 191, 217) }
```

Border

The CSS property to change the border of an element to Yxy 57.6435, 0.3173, 0.3000 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, 191, 217) }
```

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

```
.border{ border-color:rgb(221, 191, 217) }
```

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

Here you see how a box with a 4 pixel rgb(221, 191, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 191, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 191, 217);  
box-shadow:4px 4px 4px 4px rgb(221, 191,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 57.6435, 0.3173, 0.3000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 191, 217) }
```

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

```
.background{ background-color: rgb(221,  
191, 217) }
```

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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