

Converting Colors

Yxy(51.6651, 0.3062, 0.2619)

Have a look what the booklet for
Yxy(51.6651, 0.3062, 0.2619)
contains.

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Color

Yxy(51.5733, 0.3060, 0.2614)

Conversions

Conversions Part 1

Format	Color
Hex	DFADEB
RGB	223, 173, 235
RGB Percent	87%, 68%, 92%
CMY	0.1254, 0.3216, 0.0785
CMYK	0.05, 0.26, 0.00, 0.08
HSL	288°, 61%, 80%
HSV	288°, 26%, 92%
XYZ	60.3727, 51.5733, 85.3505
YIQ	195.0180, 9.8980, 29.8820

Conversions

Conversions Part 2

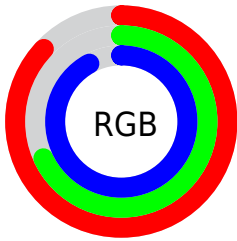
Format	Color
R _{YB}	223, 173, 235
Decimal	14659051
CIE Lab	77.02, 28.83, -24.02
CIE LCh	77, 37.528, 320.205
Yxy	51.5733, 0.3060, 0.2614
Android (android.graphics.Color)	4292849131 (0xFFDFADEB)
YUV	195.0180, 19.7111, 24.5402
Hunter-Lab	71.8146, 24.3851, -20.1950

Details

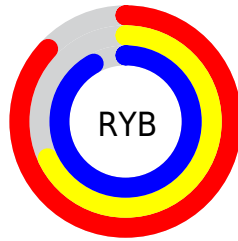
The Yxy color $51.5733, 0.3060, 0.2614$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $72.7277, 0.3171, 0.4029$, and the grayscale version is $54.4624, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5186, 0.3139, 0.3039$, and $24.9031, 0.3033, 0.2453$ is the 20% darker color. If you saturate the color by 10%, you get $42.6324, 0.3025, 0.2350$, and if you desaturate by 10%, it is $62.1225, 0.3090, 0.2878$.

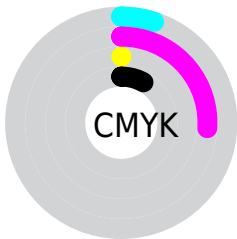
Distribution



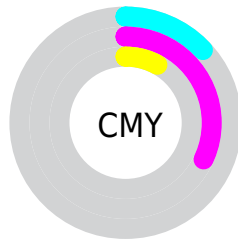
- Red (87%)
- Green (68%)
- Blue (92%)



- Red (87%)
- Yellow (68%)
- Blue (92%)



- Cyan (5%)
- Magenta (26%)
- Yellow (0%)
- Black (8%)





- Cyan (13%)
- Magenta (32%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5733, 0.3060, 0.2614 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 51.5733, 0.3060, 0.2614 by changing the saturation by 10% instead.


 51.5733, 0.3060,
0.2614

 51.5733, 0.3060,
0.2614


392.7871, 0.3099,
0.2928

 36.6651, 0.3049,
0.2542


 92.5016, 0.3075,
0.2723

 24.9483, 0.3034,
0.2454


119.2906, 0.3081,
0.2765

 16.0385, 0.3014,
0.2343


150.8085, 0.3085,
0.2802

 9.5514, 0.2984,
0.2198

187.4398, 0.3089,
0.2834

 5.1026, 0.2937,
0.2003

229.5689, 0.3092,
0.2861

 2.3076, 0.2858,
0.1729

277.5803, 0.3095,

 0.7777, 0.2710,

0.2886

0.1319

331.8582, 0.3097,
0.2908

0.0000, 0.2224,
0.0000

0.0000, 0.0000,
0.0000

51.5733, 0.3060,
0.2614

51.5733, 0.3060,
0.2614

42.6324, 0.3025,
0.2350

62.1225, 0.3090,
0.2878

35.2101, 0.2985,
0.2094

74.3505, 0.3114,
0.3134

29.2178, 0.2939,
0.1859

88.3315, 0.3134,
0.3376

24.5551, 0.2891,
0.1653

96.2436, 0.3156,
0.3489

■ 21.1084, 0.2839,
0.1487

■ 97.0516, 0.3185,
0.3487

■ 18.7448, 0.2787,
0.1367

■ 97.8796, 0.3214,
0.3485

■ 17.2980, 0.2736,
0.1292

■ 98.7277, 0.3242,
0.3483

■ 16.9010, 0.2718,
0.1271

■ 98.7767, 0.3244,
0.3483

Harmonies

Analogous

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



51.5733, 0.2601, 0.2487



51.5733, 0.3060, 0.2614



51.5733, 0.3577, 0.2888

Triad

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



51.5733, 0.3060, 0.2614



51.5733, 0.3998, 0.4012



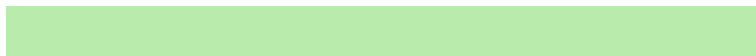
51.5733, 0.2330, 0.3230

Complementary

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



51.5733, 0.3060, 0.2614



72.7277, 0.3171, 0.4029

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.



51.5733, 0.2658, 0.3738



51.5733, 0.3060, 0.2614



51.5733, 0.3621, 0.4204

Square

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



51.5733, 0.3060, 0.2614



51.5733, 0.4142, 0.3660



51.5733, 0.3128, 0.4117



51.5733, 0.2207, 0.2795

Rectangle

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



51.5733, 0.3060, 0.2614



51.5733, 0.3873, 0.3128



51.5733, 0.3128, 0.4117



51.5733, 0.2418, 0.3400

Sweetspot

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



51.5755, 0.3060, 0.2614



86.9294, 0.3110, 0.3092



49.7441, 0.2685, 0.2689



18.1130, 0.3107, 0.3054



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.



51.5755, 0.3060, 0.2614



55.6578, 0.3040, 0.2461



52.5225, 0.3309, 0.2820



15.1585, 0.3107, 0.3056



9.4620, 0.2726, 0.1275



0.7806, 0.2797, 0.1314

Inverse Universe

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



51.0455, 0.3584, 0.3158



54.9807, 0.3723, 0.3127



72.0744, 0.2984, 0.3812



15.1015, 0.3263, 0.3245



9.9506, 0.6090, 0.3129



0.7945, 0.5720, 0.2925

Previews

White Background



This preview shows how the Yxy color 51.5733, 0.3060, 0.2614 looks on a white background.

Color Contrast Check

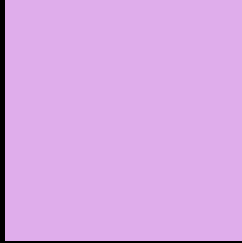
Large Text (above 18pt) WCAG AA × Fail

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 51.5733, 0.3060, 0.2614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

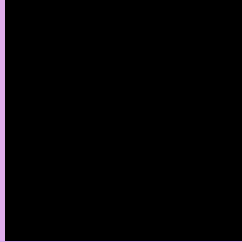
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.5733, 0.3060, 0.2614

Background



This preview shows how black text looks on a background with the Yxy color 51.5733, 0.3060, 0.2614.



This preview shows how white text looks on a background with the Yxy color 51.5733, 0.3060, 0.2614.

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

51.5733, 0.3060, 0.2614

Protanopia

51.7342, 0.2635, 0.2607

Deuteranopia

51.6354, 0.2812, 0.2746



Tritanopia

51.7396, 0.3324, 0.3127

Trichromacy



Original Color

51.5733, 0.3060, 0.2614



Protanomaly

51.4842, 0.2773, 0.2610



Deuteranomaly

51.3484, 0.2900, 0.2692



Tritanomaly

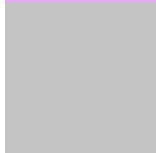
51.5540, 0.3221, 0.2925

Monochromacy



Original Color

51.5733, 0.3060, 0.2614



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.1729, 0.3099, 0.3019

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5733, 0.3060, 0.2614 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(223, 173, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 173, 235)  
}
```

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(223, 173, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 173, 235) }
```

Border

The CSS property to change the border of an element to Yxy 51.5733, 0.3060, 0.2614 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(223, 173, 235) }
```

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

```
.border{ border-color:rgb(223, 173, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 173, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 173, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 173, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 173,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5733, 0.3060, 0.2614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 173, 235) }
```

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

```
.background{ background-color: rgb(223,  
173, 235) }
```

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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