

Converting Colors

Yxy(56.2295, 0.3023, 0.2719)

Have a look what the booklet for
Yxy(56.2295, 0.3023, 0.2719)
contains.

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Color

Yxy(56.1845, 0.3027, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	DDB9ED
RGB	221, 185, 237
RGB Percent	87%, 73%, 93%
CMY	0.1333, 0.2745, 0.0705
CMYK	0.07, 0.22, 0.00, 0.07
HSL	282°, 59%, 83%
HSV	282°, 22%, 93%
XYZ	62.4570, 56.1845, 87.6916
YIQ	201.6920, 4.7640, 23.8040

Conversions

Conversions Part 2

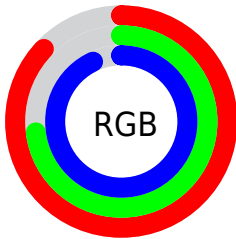
Format	Color
R _Y B	221, 185, 237
Decimal	14531053
CIE Lab	79.72, 22.11, -21.05
CIE LCh	80, 30.528, 316.417
Yxy	56.1845, 0.3027, 0.2723
Android (android.graphics.Color)	4292721133 (0xFFDDB9ED)
YUV	201.6920, 17.4068, 16.9331
Hunter-Lab	74.9563, 17.5608, -16.8941

Details

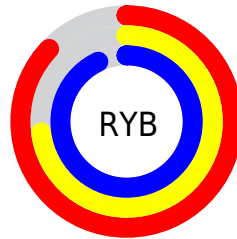
The Yxy color $56.1845, 0.3027, 0.2723$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $76.5059, 0.3205, 0.3884$, and the grayscale version is $58.7503, 0.3127, 0.3290$.

A 20% lighter version of the original color is $91.3906, 0.3133, 0.3156$, and $27.9457, 0.3002, 0.2595$ is the 20% darker color. If you saturate the color by 10%, you get $45.9618, 0.2968, 0.2448$, and if you desaturate by 10%, it is $68.1149, 0.3077, 0.2990$.

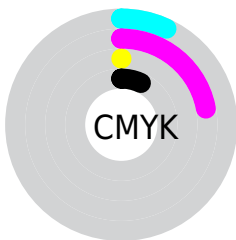
Distribution



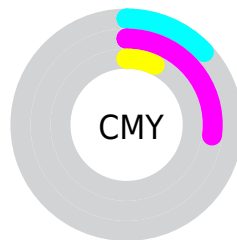
- Red (87%)
- Green (73%)
- Blue (93%)



- Red (87%)
- Yellow (73%)
- Blue (93%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)





- Cyan (13%)
- Magenta (27%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1845, 0.3027, 0.2723 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 56.1845, 0.3027, 0.2723 by changing the saturation by 10% instead.

 56.1845, 0.3027,
0.2723

 56.1845, 0.3027,
0.2723

410.3864, 0.3079,
0.2986

 40.3509, 0.3014,
0.2663

 99.2743, 0.3046,
0.2814

 27.8122, 0.2996,
0.2589


127.2992, 0.3054,
0.2849

 18.1842, 0.2973,
0.2496


160.1567, 0.3060,
0.2880

 11.0823, 0.2940,
0.2375

198.2312, 0.3065,
0.2907

 6.1222, 0.2892,
0.2211

241.9070, 0.3069,
0.2930

 2.9195, 0.2814,
0.1980

291.5685, 0.3073,

 1.0899, 0.2675,

0.2951

0.1631

347.6002, 0.3076,
0.2969

0.0000, 0.2514,
0.0000

0.0000, 0.0000,
0.0000

56.1845, 0.3027,
0.2723

56.1845, 0.3027,
0.2723

45.9618, 0.2968,
0.2448

68.1149, 0.3077,
0.2990

37.3570, 0.2901,
0.2172

81.8226, 0.3120,
0.3243

30.2832, 0.2826,
0.1907

96.6730, 0.3155,
0.3467

24.6418, 0.2746,
0.1664

97.9969, 0.3201,
0.3465

■ 20.3229, 0.2662,
0.1456

■ 98.8959, 0.3232,
0.3463

■ 17.1998, 0.2577,
0.1292

■ 15.1205, 0.2495,
0.1176

■ 14.0119, 0.2432,
0.1113

Harmonies

Analogous

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



56.1845, 0.2669, 0.2639



56.1845, 0.3027, 0.2723



56.1845, 0.3435, 0.2935

Triad

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



56.1845, 0.3027, 0.2723



56.1845, 0.3847, 0.3844



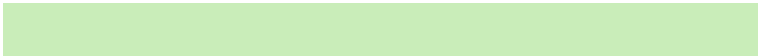
56.1845, 0.2515, 0.3299

Complementary

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



56.1845, 0.3027, 0.2723



76.5059, 0.3205, 0.3884

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.



56.1845, 0.2801, 0.3686



56.1845, 0.3027, 0.2723



56.1845, 0.3571, 0.4003

Square

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



56.1845, 0.3027, 0.2723



56.1845, 0.3926, 0.3558



56.1845, 0.3186, 0.3954



56.1845, 0.2389, 0.2941

Rectangle

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



56.1845, 0.3027, 0.2723



56.1845, 0.3676, 0.3126



56.1845, 0.3186, 0.3954



56.1845, 0.2594, 0.3432

Sweetspot

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



56.1869, 0.3027, 0.2723



88.1076, 0.3099, 0.3116



58.4253, 0.2771, 0.2876



18.6499, 0.3097, 0.3101



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.



56.1869, 0.3027, 0.2723



61.0775, 0.3004, 0.2609



58.2800, 0.3226, 0.2839



15.0676, 0.3089, 0.3054



7.7205, 0.2445, 0.1120



0.6565, 0.2553, 0.1180

Inverse Universe

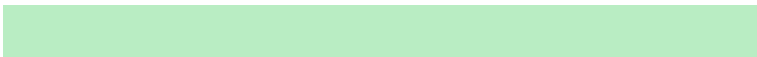
The Inverse Universe completely reimagines the original color for something new.



56.9251, 0.3439, 0.3116



62.1355, 0.3515, 0.3081



74.8163, 0.3042, 0.3787



15.1304, 0.3244, 0.3218



10.1129, 0.5731, 0.2931



0.8108, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 56.1845, 0.3027, 0.2723 looks on a white background.

Color Contrast Check

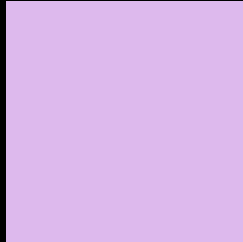
Large Text (above 18pt) WCAG AA × Fail

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 56.1845, 0.3027, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

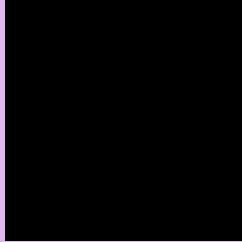
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1845, 0.3027, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 56.1845, 0.3027, 0.2723.



This preview shows how white text looks on a background with the Yxy color 56.1845, 0.3027, 0.2723.

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

56.1845, 0.3027, 0.2723

Protanopia

56.4506, 0.2730, 0.2737

Deuteranopia

56.2802, 0.2876, 0.2809



Tritanopia

56.3168, 0.3216, 0.3118

Trichromacy



Original Color

56.1845, 0.3027, 0.2723

Protanomaly

56.1923, 0.2836, 0.2735

Deuteranomaly

56.1484, 0.2928, 0.2773

Tritanomaly

56.3104, 0.3150, 0.2974

Monochromacy



Original Color

56.1845, 0.3027, 0.2723

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

57.9415, 0.3091, 0.3071

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1845, 0.3027, 0.2723 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, 185, 237)` looks like.

```
.text, #text, p{  
    color:rgb(221, 185, 237)  
}
```

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, 185, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 185, 237) }
```

Border

The CSS property to change the border of an element to Yxy 56.1845, 0.3027, 0.2723 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, 185, 237) }
```

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

```
.border{ border-color:rgb(221, 185, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 185, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 185, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 185, 237);  
box-shadow:4px 4px 4px 4px rgb(221, 185,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1845, 0.3027, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 185, 237) }
```

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

```
.background{ background-color: rgb(221,  
185, 237) }
```

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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