

Converting Colors

$Y_{xy}(43.5897, 0.3160, 0.2659)$

Have a look what the booklet for
Yxy(43.5897, 0.3160, 0.2659)
contains.

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Color

Yxy(43.4039, 0.3157, 0.2652)

Conversions

Conversions Part 1

Format	Color
Hex	D59ED5
RGB	213, 158, 213
RGB Percent	84%, 62%, 84%
CMY	0.1648, 0.3803, 0.1648
CMYK	0.00, 0.26, 0.00, 0.16
HSL	300°, 40%, 73%
HSV	300°, 26%, 84%
XYZ	51.6690, 43.4039, 68.5919
YIQ	180.7150, 15.1250, 28.7650

Conversions

Conversions Part 2

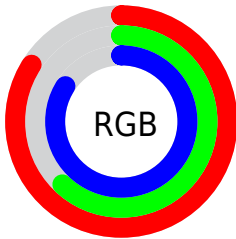
Format	Color
R_{YB}	213, 158, 213
Decimal	13999829
CIE _{Lab}	71.83, 29.50, -20.02
CIE _{LCh}	72, 35.651, 325.836
Yxy	43.4039, 0.3157, 0.2652
Android (android.graphics.Color)	4292189909 (0xFFD59ED5)
YUV	180.7150, 15.9165, 28.3139
Hunter-Lab	65.8816, 24.6993, -15.6120

Details

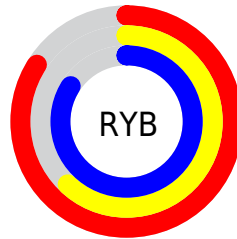
The Yxy color $43.4039, 0.3157, 0.2652$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $57.3205, 0.3093, 0.4023$, and the grayscale version is $45.9531, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.0685, 0.3146, 0.2881$, and $20.0458, 0.3164, 0.2495$ is the 20% darker color. If you saturate the color by 10%, you get $36.7570, 0.3168, 0.2409$, and if you desaturate by 10%, it is $51.3138, 0.3145, 0.2902$.

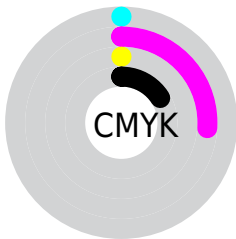
Distribution



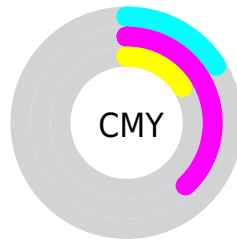
- Red (84%)
- Green (62%)
- Blue (84%)



- Red (84%)
- Yellow (62%)
- Blue (84%)



- Cyan (0%)
- Magenta (26%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4039, 0.3157, 0.2652 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 43.4039, 0.3157, 0.2652 by changing the saturation by 10% instead.


 43.4039, 0.3157,
0.2652


 43.4039, 0.3157,
0.2652


360.2702, 0.3149,
0.2958

 30.2022, 0.3157,
0.2580


 80.3200, 0.3155,
0.2760

 19.9921, 0.3157,
0.2489


 104.8032, 0.3154,
0.2802

 12.3893, 0.3154,
0.2373


133.8156, 0.3153,
0.2837

 7.0094, 0.3148,
0.2217

167.7416, 0.3152,
0.2868

 3.4680, 0.3133,
0.2002

206.9657, 0.3151,
0.2895

 1.3807, 0.3096,
0.1684

251.8722, 0.3150,


 0.2024, 0.3157,


0.2918


0.0699


302.8456, 0.3149,
0.2939


 0.0000, 0.0000,
0.0000


 43.4039, 0.3157,
0.2652


 43.4039, 0.3157,
0.2652


 36.7570, 0.3168,
0.2409


 51.3138, 0.3145,
0.2902


 31.3023, 0.3179,
0.2181


 60.5411, 0.3134,
0.3149


 26.9711, 0.3188,
0.1979

 71.1442, 0.3123,
0.3389

 23.6851, 0.3196,
0.1811

 83.1762, 0.3112,
0.3617

 21.3562, 0.3202,
0.1683

 90.4678, 0.3106,
0.3737

■ 19.8817, 0.3206,
0.1597

■ 90.4684, 0.3106,
0.3737

■ 19.1347, 0.3208,
0.1553

■ 90.4690, 0.3106,
0.3737

■ 18.9405, 0.3209,
0.1541

■ 90.4696, 0.3106,
0.3737

■ 90.4702, 0.3106,
0.3737

Harmonies

Analogous

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



43.4039, 0.2674, 0.2494



43.4039, 0.3157, 0.2652



43.4039, 0.3670, 0.2950

Triad

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



43.4039, 0.3157, 0.2652



43.4039, 0.3947, 0.4068



43.4039, 0.2286, 0.3137

Complementary

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



43.4039, 0.3157, 0.2652



57.3205, 0.3093, 0.4023

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.



43.4039, 0.2579, 0.3648



43.4039, 0.3157, 0.2652



43.4039, 0.3535, 0.4217

Square

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



43.4039, 0.3157, 0.2652



43.4039, 0.4143, 0.3734



43.4039, 0.3033, 0.4071



43.4039, 0.2203, 0.2729

Rectangle

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



43.4039, 0.3157, 0.2652



43.4039, 0.3945, 0.3200



43.4039, 0.3033, 0.4071



43.4039, 0.2361, 0.3303

Sweetspot

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



43.4058, 0.3157, 0.2652



87.6672, 0.3136, 0.3093



36.8490, 0.2685, 0.2570



18.3002, 0.3138, 0.3056



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.



43.4058, 0.3157, 0.2652



59.5083, 0.3163, 0.2517



42.1671, 0.3397, 0.2949



12.6326, 0.3138, 0.3060



11.5721, 0.3209, 0.1541



0.6980, 0.3209, 0.1541

Inverse Universe

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



41.0739, 0.3673, 0.3292



55.4243, 0.3836, 0.3292



58.3354, 0.2924, 0.3659



12.4209, 0.3291, 0.3290



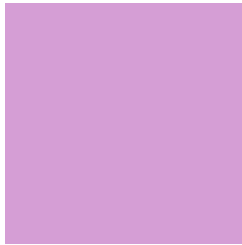
8.6412, 0.6401, 0.3300



0.5212, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 43.4039, 0.3157, 0.2652 looks on a white background.

Color Contrast Check

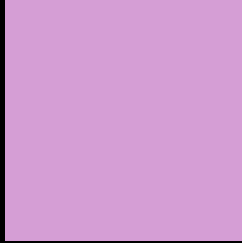
Large Text (above 18pt) WCAG AA × Fail

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 43.4039, 0.3157, 0.2652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

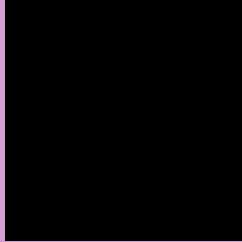
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4039, 0.3157, 0.2652

Background



This preview shows how black text looks on a background with the Yxy color 43.4039, 0.3157, 0.2652.



This preview shows how white text looks on a background with the Yxy color 43.4039, 0.3157, 0.2652.

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

43.4039, 0.3157, 0.2652

Protanopia

43.5464, 0.2676, 0.2654

Deuteranopia

43.5053, 0.2871, 0.2806



Tritanopia

43.4945, 0.3425, 0.3143

Trichromacy



Original Color

43.4039, 0.3157, 0.2652



Protanomaly

43.1177, 0.2836, 0.2646



Deuteranomaly

43.2877, 0.2970, 0.2746



Tritanomaly

43.2600, 0.3330, 0.2952

Monochromacy



Original Color

43.4039, 0.3157, 0.2652



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

45.0749, 0.3139, 0.3039

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4039, 0.3157, 0.2652 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(213, 158, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 158, 213)  
}
```

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(213, 158, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 158, 213) }
```

Border

The CSS property to change the border of an element to Yxy 43.4039, 0.3157, 0.2652 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(213, 158, 213) }
```

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

```
.border{ border-color:rgb(213, 158, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 158, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 158, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 158, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 158,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4039, 0.3157, 0.2652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 158, 213) }
```

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

```
.background{ background-color: rgb(213,  
158, 213) }
```

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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