

Converting Colors

$Y_{xy}(39.3550, 0.2963, 0.2545)$

Have a look what the booklet for
Yxy(39.3550, 0.2963, 0.2545)
contains.

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Color

Yxy(39.3550, 0.2963, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	C19AD7
RGB	193, 154, 215
RGB Percent	76%, 60%, 84%
CMY	0.2430, 0.3961, 0.1569
CMYK	0.10, 0.28, 0.00, 0.16
HSL	278°, 43%, 72%
HSV	278°, 28%, 84%
XYZ	45.8188, 39.3550, 69.4627
YIQ	172.6150, 3.6630, 27.2390

Conversions

Conversions Part 2

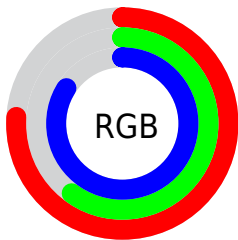
Format	Color
R_{YB}	193, 154, 215
Decimal	12688087
CIE _{Lab}	69.01, 25.64, -25.61
CIE _{LCh}	69, 36.233, 315.032
Yxy	39.3550, 0.2963, 0.2545
Android (android.graphics.Color)	4290878167 (0xFFC19AD7)
YUV	172.6150, 20.8958, 17.8776
Hunter-Lab	62.7336, 20.5876, -21.7363

Details

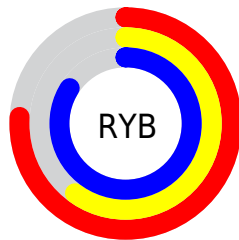
The Yxy color **39.3550, 0.2963, 0.2545** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **60.1514, 0.3249, 0.4069**, and the grayscale version is **41.4756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1449, 0.3112, 0.2836**, and **17.5298, 0.2908, 0.2345** is the 20% darker color. If you saturate the color by 10%, you get **31.8939, 0.2887, 0.2264**, and if you desaturate by 10%, it is **48.1434, 0.3030, 0.2820**.

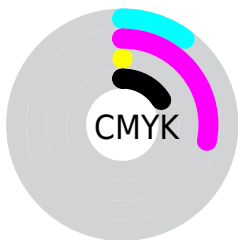
Distribution



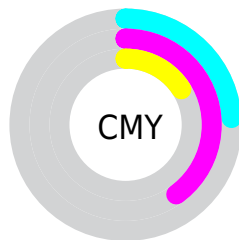
- Red (76%)
- Green (60%)
- Blue (84%)



- Red (76%)
- Yellow (60%)
- Blue (84%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (16%)





- Cyan (24%)
- Magenta (40%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3550, 0.2963, 0.2545 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 39.3550, 0.2963, 0.2545 by changing the saturation by 10% instead.


 39.3550, 0.2963,
0.2545


 39.3550, 0.2963,
0.2545


343.3974, 0.3054,
0.2906

 27.0360, 0.2938,
0.2459


 74.1803, 0.2998,
0.2673

 17.6003, 0.2905,
0.2350


 97.4554, 0.3010,
0.2722

 10.6634, 0.2859,
0.2211


125.1514, 0.3021,
0.2764

 5.8410, 0.2792,
0.2024

157.6526, 0.3029,
0.2800

 2.7486, 0.2685,
0.1764

195.3434, 0.3037,
0.2832

 1.0019, 0.2500,
0.1387

238.6082, 0.3043,


 0.0000, 0.2192,

0.2860


0.0000

287.8314, 0.3049,
0.2884


 0.0000, 0.0000,
0.0000


 39.3550, 0.2963,
0.2545

 39.3550, 0.2963,
0.2545


 31.8939, 0.2887,
0.2264

 48.1434, 0.3030,
0.2820


 25.6866, 0.2802,
0.1988


 58.3179, 0.3086,
0.3083


 20.6597, 0.2710,
0.1727


 69.9393, 0.3134,
0.3329

 16.7300, 0.2613,
0.1494


 83.0638, 0.3174,
0.3555


 13.8031, 0.2515,
0.1302


 93.5352, 0.3212,
0.3700

 11.7681, 0.2419,
0.1158

 94.8567, 0.3262,
0.3694

 10.4598, 0.2328,
0.1062

 96.2358, 0.3312,
0.3687

 10.2761, 0.2314,
0.1048

 97.6734, 0.3363,
0.3681

 97.6857, 0.3364,
0.3681

Harmonies

Analogous

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



39.3550, 0.2504, 0.2442



39.3550, 0.2963, 0.2545



39.3550, 0.3510, 0.2808

Triad

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



39.3550, 0.2963, 0.2545



39.3550, 0.4092, 0.3991



39.3550, 0.2333, 0.3316

Complementary

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



39.3550, 0.2963, 0.2545



60.1514, 0.3249, 0.4069

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.



39.3550, 0.2708, 0.3851



39.3550, 0.2963, 0.2545



39.3550, 0.3726, 0.4238

Square

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



39.3550, 0.2963, 0.2545



39.3550, 0.4194, 0.3603



39.3550, 0.3217, 0.4208



39.3550, 0.2166, 0.2832

Rectangle

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



39.3550, 0.2963, 0.2545



39.3550, 0.3842, 0.3049



39.3550, 0.3217, 0.4208



39.3550, 0.2437, 0.3499

Sweetspot

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



39.3567, 0.2963, 0.2545



84.6883, 0.3083, 0.3065



42.9661, 0.2665, 0.2780



17.6326, 0.3075, 0.3027



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.



39.3567, 0.2963, 0.2545



51.1510, 0.2919, 0.2378



42.0520, 0.3232, 0.2674



12.3988, 0.3081, 0.3056



6.2087, 0.2327, 0.1055



0.4203, 0.2480, 0.1140

Inverse Universe

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



40.6865, 0.3525, 0.3025



53.5231, 0.3640, 0.2967



58.0772, 0.3038, 0.3996



12.4939, 0.3235, 0.3206



8.9833, 0.5524, 0.2817



0.5574, 0.5046, 0.2553

Previews

White Background



This preview shows how the Yxy color 39.3550, 0.2963, 0.2545 looks on a white background.

Color Contrast Check

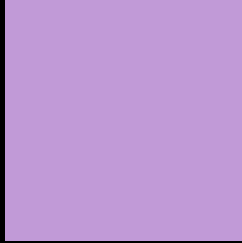
Large Text (above 18pt) WCAG AA × Fail

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 39.3550, 0.2963, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

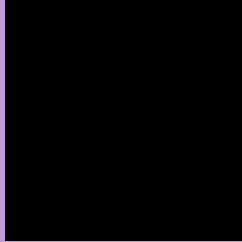
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3550, 0.2963, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 39.3550, 0.2963, 0.2545.



This preview shows how white text looks on a background with the Yxy color 39.3550, 0.2963, 0.2545.

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

39.3550, 0.2963, 0.2545

Protanopia

39.7916, 0.2586, 0.2546

Deuteranopia

39.3957, 0.2724, 0.2658



Tritanopia

39.4614, 0.3258, 0.3132

Trichromacy



Original Color

39.3550, 0.2963, 0.2545

Protanomaly

39.3859, 0.2712, 0.2536

Deuteranomaly

39.2290, 0.2802, 0.2610

Tritanomaly

39.2892, 0.3145, 0.2903

Monochromacy



Original Color

39.3550, 0.2963, 0.2545

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6066, 0.3068, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3550, 0.2963, 0.2545 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(193, 154, 215)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 215)  
}
```

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(193, 154, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 215) }
```

Border

The CSS property to change the border of an element to Yxy 39.3550, 0.2963, 0.2545 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(193, 154, 215) }
```

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

```
.border{ border-color:rgb(193, 154, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 215);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3550, 0.2963, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 215) }
```

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

```
.background{ background-color: rgb(193,  
154, 215) }
```

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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