

Converting Colors

$Y_{xy}(44.5133, 0.3094, 0.2457)$

Have a look what the booklet for
Yxy(44.5133, 0.3094, 0.2457)
contains.

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Color

Yxy(44.3540, 0.3095, 0.2453)

Conversions

Conversions Part 1

Format	Color
Hex	DE9AE6
RGB	222, 154, 230
RGB Percent	87%, 60%, 90%
CMY	0.1295, 0.3960, 0.0979
CMYK	0.03, 0.33, 0.00, 0.10
HSL	294°, 60%, 75%
HSV	294°, 33%, 90%
XYZ	55.9623, 44.3540, 80.4990
YIQ	182.9960, 16.1320, 38.0520

Conversions

Conversions Part 2

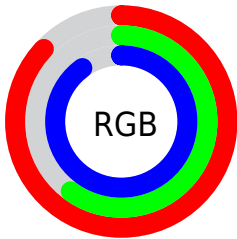
Format	Color
R _Y B	222, 154, 230
Decimal	14588646
CIE Lab	72.46, 37.76, -28.32
CIE LCh	72, 47.200, 323.130
Yxy	44.3540, 0.3095, 0.2453
Android (android.graphics.Color)	4292778726 (0xFFDE9AE6)
YUV	182.9960, 23.1730, 34.2065
Hunter-Lab	66.5988, 33.4440, -25.0456

Details

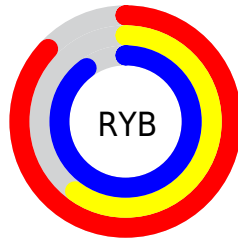
The Yxy color **44.3540, 0.3095, 0.2453** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.6335, 0.3134, 0.4257**, and the grayscale version is **47.2169, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0809, 0.3148, 0.2841**, and **20.6657, 0.3078, 0.2263** is the 20% darker color. If you saturate the color by 10%, you get **37.0941, 0.3079, 0.2205**, and if you desaturate by 10%, it is **53.0783, 0.3108, 0.2710**.

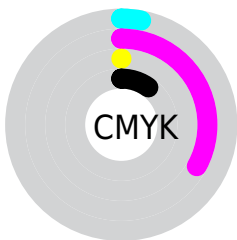
Distribution



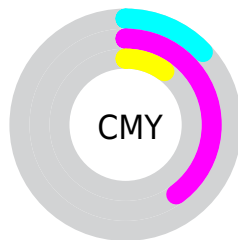
- Red (87%)
- Green (60%)
- Blue (90%)



- Red (87%)
- Yellow (60%)
- Blue (90%)



- Cyan (3%)
- Magenta (33%)
- Yellow (0%)
- Black (10%)





- Cyan (13%)
- Magenta (40%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3540, 0.3095, 0.2453 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 44.3540, 0.3095, 0.2453 by changing the saturation by 10% instead.


 44.3540, 0.3095,
0.2453


 44.3540, 0.3095,
0.2453


364.1509, 0.3122,
0.2845

 30.9489, 0.3086,
0.2363


 81.7502, 0.3107,
0.2589

 20.5599, 0.3072,
0.2252


 106.5100, 0.3111,
0.2642

 12.8027, 0.3053,
0.2113

135.8236, 0.3114,
0.2688

 7.2928, 0.3022,
0.1931

170.0753, 0.3116,
0.2727

 3.6459, 0.2970,
0.1688

209.6494, 0.3118,
0.2762

 1.4775, 0.2874,
0.1352

254.9305, 0.3119,

 0.2728, 0.2752,

0.2793

0.0611

306.3029, 0.3121,
0.2820

0.0000, 0.1070,
0.0000

0.0000, 0.0000,
0.0000

44.3540, 0.3095,
0.2453

44.3540, 0.3095,
0.2453

37.0941, 0.3079,
0.2205

53.0783, 0.3108,
0.2710

31.2093, 0.3059,
0.1977

63.3379, 0.3118,
0.2966

26.6098, 0.3037,
0.1778

75.2061, 0.3125,
0.3216

23.1925, 0.3012,
0.1616

88.7500, 0.3130,
0.3454

■ 20.8384, 0.2986,
0.1498

■ 94.7551, 0.3141,
0.3542

■ 19.4038, 0.2959,
0.1424

■ 95.1706, 0.3156,
0.3541

■ 18.7905, 0.2940,
0.1393

■ 95.5918, 0.3172,
0.3539

■ 96.0188, 0.3187,
0.3538

■ 96.4515, 0.3202,
0.3537

Harmonies

Analogous

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



44.3540, 0.2489, 0.2271



44.3540, 0.3095, 0.2453



44.3540, 0.3780, 0.2809

Triad

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



44.3540, 0.3095, 0.2453



44.3540, 0.4217, 0.4246



44.3540, 0.2069, 0.3127

Complementary

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



44.3540, 0.3095, 0.2453



66.6335, 0.3134, 0.4257

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.



44.3540, 0.2454, 0.3826



44.3540, 0.3095, 0.2453



44.3540, 0.3691, 0.4510

Square

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



44.3540, 0.3095, 0.2453



44.3540, 0.4460, 0.3785



44.3540, 0.3045, 0.4380



44.3540, 0.1949, 0.2585

Rectangle

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



44.3540, 0.3095, 0.2453



44.3540, 0.4163, 0.3113



44.3540, 0.3045, 0.4380



44.3540, 0.2168, 0.3354

Sweetspot

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



44.3559, 0.3095, 0.2453



84.2872, 0.3121, 0.3042



38.7369, 0.2549, 0.2426



17.6044, 0.3119, 0.3006



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.



44.3559, 0.3095, 0.2453



49.2712, 0.3084, 0.2274



44.1544, 0.3427, 0.2765



14.5336, 0.3121, 0.3057



10.6667, 0.2944, 0.1396



0.8106, 0.2985, 0.1418

Inverse Universe

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



42.5532, 0.3813, 0.3199



46.7156, 0.4036, 0.3179



66.9086, 0.2914, 0.3884



14.3927, 0.3276, 0.3265



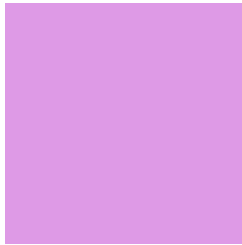
9.5709, 0.6272, 0.3229



0.7156, 0.5986, 0.3071

Previews

White Background



This preview shows how the Yxy color 44.3540, 0.3095, 0.2453 looks on a white background.

Color Contrast Check

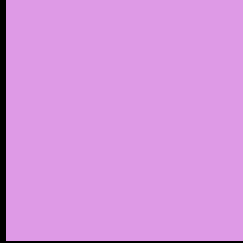
Large Text (above 18pt) WCAG AA × Fail

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 44.3540, 0.3095, 0.2453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

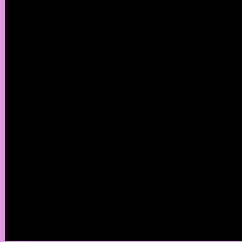
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3540, 0.3095, 0.2453

Background



This preview shows how black text looks on a background with the Yxy color 44.3540, 0.3095, 0.2453.

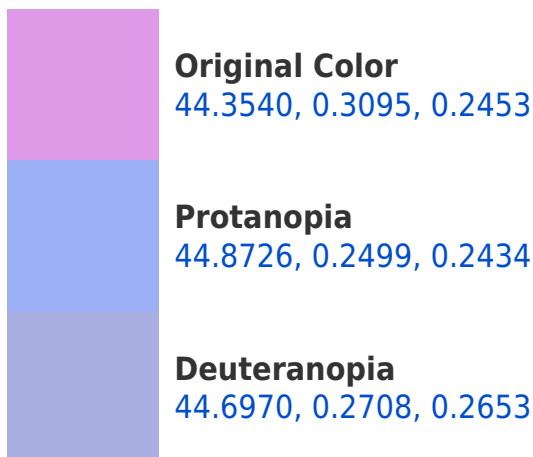


This preview shows how white text looks on a background with the Yxy color 44.3540, 0.3095, 0.2453.

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





Tritanopia

44.5317, 0.3491, 0.3146

Trichromacy



Original Color

44.3540, 0.3095, 0.2453



Protanomaly

44.1203, 0.2691, 0.2434



Deuteranomaly

44.0023, 0.2842, 0.2569



Tritanomaly

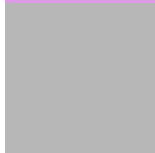
44.3807, 0.3350, 0.2880

Monochromacy



Original Color

44.3540, 0.3095, 0.2453



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.5455, 0.3117, 0.2945

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3540, 0.3095, 0.2453 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(222, 154, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 154, 230)  
}
```

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(222, 154, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 154, 230) }
```

Border

The CSS property to change the border of an element to Yxy 44.3540, 0.3095, 0.2453 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(222, 154, 230) }
```

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

```
.border{ border-color:rgb(222, 154, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 154, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 154, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 154, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 154,  
230) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3540, 0.3095, 0.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 154, 230) }
```

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

```
.background{ background-color: rgb(222,  
154, 230) }
```

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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