

Converting Colors

$Y_{xy}(39.1557, 0.3145, 0.2526)$

Have a look what the booklet for
Yxy(39.1557, 0.3145, 0.2526)
contains.

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Color

Yxy(39.3225, 0.3144, 0.2528)

Conversions

Conversions Part 1

Format	Color
Hex	D293D4
RGB	210, 147, 212
RGB Percent	82%, 58%, 83%
CMY	0.1764, 0.4236, 0.1685
CMYK	0.01, 0.31, 0.00, 0.17
HSL	298°, 43%, 70%
HSV	298°, 31%, 83%
XYZ	48.9042, 39.3225, 67.3211
YIQ	173.2470, 16.6830, 33.5710

Conversions

Conversions Part 2

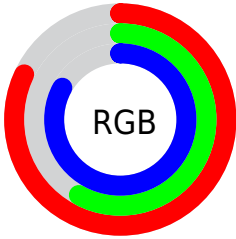
Format	Color
R _Y B	210, 147, 212
Decimal	13800404
CIE Lab	68.98, 34.35, -23.86
CIE LCh	69, 41.819, 325.214
Yxy	39.3225, 0.3144, 0.2528
Android (android.graphics.Color)	4291990484 (0xFFD293D4)
YUV	173.2470, 19.1052, 32.2324
Hunter-Lab	62.7077, 29.4696, -19.7567

Details

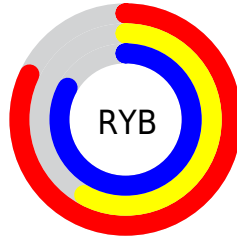
The Yxy color **39.3225, 0.3144, 0.2528** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.5987, 0.3099, 0.4181**, and the grayscale version is **41.8176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **17.4888, 0.3133, 0.2331** is the 20% darker color. If you saturate the color by 10%, you get **33.2314, 0.3147, 0.2288**, and if you desaturate by 10%, it is **46.6327, 0.3139, 0.2778**.

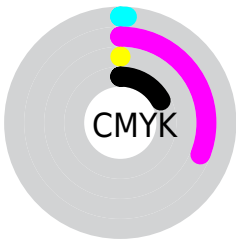
Distribution



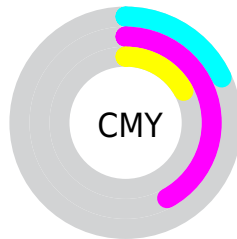
- Red (82%)
- Green (58%)
- Blue (83%)



- Red (82%)
- Yellow (58%)
- Blue (83%)



- Cyan (1%)
- Magenta (31%)
- Yellow (0%)
- Black (17%)





- Cyan (18%)
- Magenta (42%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3225, 0.3144, 0.2528 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 39.3225, 0.3144, 0.2528 by changing the saturation by 10% instead.


 39.3225, 0.3144,
0.2528


 39.3225, 0.3144,
0.2528


343.2597, 0.3145,
0.2895

 27.0107, 0.3141,
0.2441


 74.1307, 0.3146,
0.2658

 17.5813, 0.3136,
0.2332


 97.3960, 0.3147,
0.2708

 10.6498, 0.3127,
0.2192


125.0811, 0.3146,
0.2750

 5.8319, 0.3110,
0.2006

157.5706, 0.3146,
0.2787

 2.7431, 0.3076,
0.1749

195.2488, 0.3146,
0.2819

 0.9991, 0.3001,
0.1376

238.5001, 0.3146,


 0.0000, 0.3046,


0.2847


0.0000

287.7089, 0.3145,
0.2872

 0.0000, 0.0000,
0.0000


 39.3225, 0.3144,
0.2528

 39.3225, 0.3144,
0.2528


 33.2314, 0.3147,
0.2288


 46.6327, 0.3139,
0.2778


 28.2874, 0.3149,
0.2066


 55.2185, 0.3134,
0.3029


 24.4188, 0.3149,
0.1874

 65.1393, 0.3128,
0.3274

 21.5439, 0.3147,
0.1718

 76.4490, 0.3121,
0.3508

 19.5693, 0.3143,
0.1604

 89.1988, 0.3114,
0.3727

■ 18.3837, 0.3138,
0.1534

■ 90.5639, 0.3118,
0.3746

■ 17.8044, 0.3132,
0.1499

■ 90.6625, 0.3122,
0.3746

■ 90.7615, 0.3126,
0.3745

■ 90.8609, 0.3130,
0.3745

Harmonies

Analogous

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



39.3225, 0.2570, 0.2345



39.3225, 0.3144, 0.2528



39.3225, 0.3772, 0.2872

Triad

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



39.3225, 0.3144, 0.2528



39.3225, 0.4114, 0.4207



39.3225, 0.2127, 0.3104

Complementary

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



39.3225, 0.3144, 0.2528



55.5987, 0.3099, 0.4181

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.



39.3225, 0.2474, 0.3739



39.3225, 0.3144, 0.2528



39.3225, 0.3617, 0.4419

Square

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



39.3225, 0.3144, 0.2528



39.3225, 0.4355, 0.3792



39.3225, 0.3015, 0.4262



39.3225, 0.2031, 0.2615

Rectangle

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



39.3225, 0.3144, 0.2528



39.3225, 0.4112, 0.3162



39.3225, 0.3015, 0.4262



39.3225, 0.2216, 0.3309

Sweetspot

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



39.3242, 0.3144, 0.2528



86.0873, 0.3133, 0.3068



32.5012, 0.2590, 0.2426



17.9791, 0.3134, 0.3032



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.



39.3242, 0.3144, 0.2528



53.2997, 0.3146, 0.2365



38.2296, 0.3452, 0.2869



12.6123, 0.3133, 0.3060



10.9962, 0.3133, 0.1499



0.6695, 0.3147, 0.1507

Inverse Universe

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



37.0353, 0.3795, 0.3267



49.2921, 0.4009, 0.3262



56.4934, 0.2895, 0.3756



12.4269, 0.3286, 0.3283



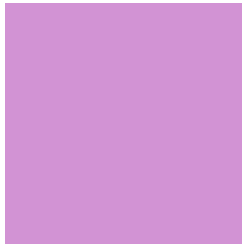
8.6526, 0.6365, 0.3280



0.5241, 0.6254, 0.3219

Previews

White Background



This preview shows how the Yxy color 39.3225, 0.3144, 0.2528 looks on a white background.

Color Contrast Check

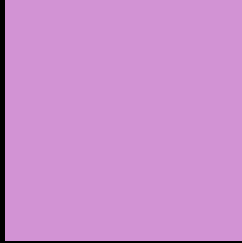
Large Text (above 18pt) WCAG AA × Fail

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 39.3225, 0.3144, 0.2528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

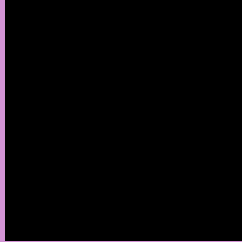
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3225, 0.3144, 0.2528

Background



This preview shows how black text looks on a background with the Yxy color 39.3225, 0.3144, 0.2528.



This preview shows how white text looks on a background with the Yxy color 39.3225, 0.3144, 0.2528.

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

39.3225, 0.3144, 0.2528

Protanopia

39.8038, 0.2566, 0.2522

Deuteranopia

39.5130, 0.2776, 0.2710



Tritanopia

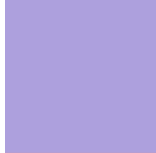
39.4415, 0.3491, 0.3139

Trichromacy



Original Color

39.3225, 0.3144, 0.2528



Protanomaly

39.2463, 0.2750, 0.2519



Deuteranomaly

38.9306, 0.2898, 0.2629



Tritanomaly

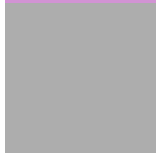
39.3650, 0.3360, 0.2907

Monochromacy



Original Color

39.3225, 0.3144, 0.2528



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.5779, 0.3132, 0.2991

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3225, 0.3144, 0.2528 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(210, 147, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 147, 212)  
}
```

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(210, 147, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 147, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.3225, 0.3144, 0.2528 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(210, 147, 212) }
```

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

```
.border{ border-color:rgb(210, 147, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 147, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 147, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 147, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 147,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3225, 0.3144, 0.2528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 147, 212) }
```

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

```
.background{ background-color: rgb(210,  
147, 212) }
```

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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