

Converting Colors

$Y_{xy}(39.8857, 0.3160, 0.2549)$

Have a look what the booklet for
Yxy(39.8857, 0.3160, 0.2549)
contains.

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Color

Yxy(39.7822, 0.3153, 0.2542)

Conversions

Conversions Part 1

Format	Color
Hex	D394D4
RGB	211, 148, 212
RGB Percent	83%, 58%, 83%
CMY	0.1724, 0.4196, 0.1686
CMYK	0.00, 0.30, 0.00, 0.17
HSL	299°, 43%, 71%
HSV	299°, 30%, 83%
XYZ	49.3443, 39.7822, 67.3731
YIQ	174.1330, 17.0040, 33.2600

Conversions

Conversions Part 2

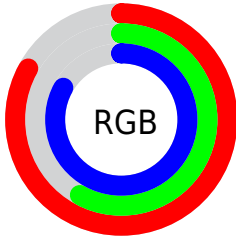
Format	Color
R _Y B	211, 148, 212
Decimal	13866196
CIE Lab	69.31, 34.12, -23.33
CIE LCh	69, 41.337, 325.634
Yxy	39.7822, 0.3153, 0.2542
Android (android.graphics.Color)	4292056276 (0xFFD394D4)
YUV	174.1330, 18.6684, 32.3324
Hunter-Lab	63.0731, 29.2688, -19.1808

Details

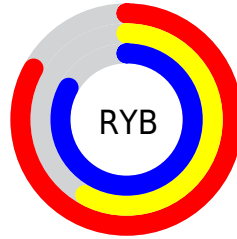
The Yxy color **39.7822, 0.3153, 0.2542** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.6183, 0.3093, 0.4167**, and the grayscale version is **42.2966, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **17.7686, 0.3145, 0.2349** is the 20% darker color. If you saturate the color by 10%, you get **33.6833, 0.3160, 0.2303**, and if you desaturate by 10%, it is **47.1027, 0.3145, 0.2791**.

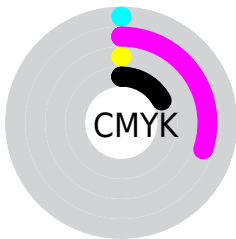
Distribution



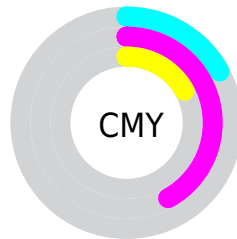
- Red (83%)
- Green (58%)
- Blue (83%)



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



- Cyan (0%)
- Magenta (30%)
- Yellow (0%)
- Black (17%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7822, 0.3153, 0.2542 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 39.7822, 0.3153, 0.2542 by changing the saturation by 10% instead.


 39.7822, 0.3153,
0.2542


 39.7822, 0.3153,
0.2542


345.2047, 0.3149,
0.2902

 27.3688, 0.3152,
0.2457


 74.8317, 0.3153,
0.2669

 17.8504, 0.3148,
0.2350


 98.2366, 0.3153,
0.2718

 10.8426, 0.3142,
0.2213


126.0742, 0.3152,
0.2760

 5.9611, 0.3128,
0.2030

158.7287, 0.3152,
0.2796

 2.8214, 0.3100,
0.1778

196.5846, 0.3151,
0.2828

 1.0392, 0.3035,
0.1411

240.0263, 0.3150,

 0.0000, 0.3124,

0.2855


0.0000


289.4382, 0.3150,
0.2880

 0.0000, 0.0000,
0.0000


 39.7822, 0.3153,
0.2542


 39.7822, 0.3153,
0.2542


 33.6833, 0.3160,
0.2303


 47.1027, 0.3145,
0.2791


 28.7343, 0.3166,
0.2083


 55.7011, 0.3136,
0.3041


 24.8638, 0.3171,
0.1892


 65.6365, 0.3127,
0.3285


 21.9907, 0.3174,
0.1737


 76.9628, 0.3119,
0.3519

 20.0222, 0.3174,
0.1625


 89.7309, 0.3110,
0.3738

 18.8481, 0.3173,
0.1555

 90.4179, 0.3112,
0.3747

 18.2731, 0.3171,
0.1520

 90.4667, 0.3114,
0.3747

 90.5157, 0.3116,
0.3747

 90.5647, 0.3118,
0.3746

Harmonies

Analogous

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



39.7822, 0.2585, 0.2359



39.7822, 0.3153, 0.2542



39.7822, 0.3770, 0.2884

Triad

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



39.7822, 0.3153, 0.2542



39.7822, 0.4095, 0.4200



39.7822, 0.2138, 0.3100

Complementary

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



39.7822, 0.3153, 0.2542



55.6183, 0.3093, 0.4167

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.



39.7822, 0.2477, 0.3723



39.7822, 0.3153, 0.2542



39.7822, 0.3603, 0.4402

Square

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



39.7822, 0.3153, 0.2542



39.7822, 0.4336, 0.3793



39.7822, 0.3009, 0.4241



39.7822, 0.2046, 0.2620

Rectangle

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



39.7822, 0.3153, 0.2542



39.7822, 0.4103, 0.3171



39.7822, 0.3009, 0.4241



39.7822, 0.2225, 0.3301

Sweetspot

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



39.7839, 0.3153, 0.2542



86.1545, 0.3135, 0.3068



32.5623, 0.2598, 0.2427



17.9958, 0.3136, 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.



39.7839, 0.3153, 0.2542



54.4786, 0.3158, 0.2392



38.5148, 0.3456, 0.2888



12.6225, 0.3135, 0.3060



11.2838, 0.3171, 0.1521



0.6838, 0.3178, 0.1524

Inverse Universe

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



37.3449, 0.3791, 0.3280



50.2280, 0.3989, 0.3278



56.6403, 0.2892, 0.3732



12.4239, 0.3289, 0.3287



8.6469, 0.6383, 0.3290



0.5227, 0.6326, 0.3259

Previews

White Background



This preview shows how the Yxy color 39.7822, 0.3153, 0.2542 looks on a white background.

Color Contrast Check

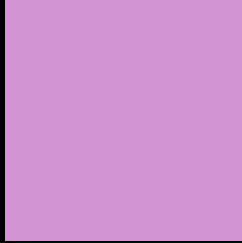
Large Text (above 18pt) WCAG AA × Fail

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 39.7822, 0.3153, 0.2542 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

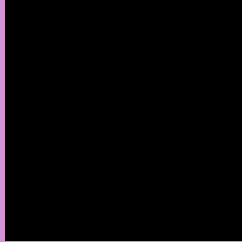
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7822, 0.3153, 0.2542

Background



This preview shows how black text looks on a background with the Yxy color 39.7822, 0.3153, 0.2542.



This preview shows how white text looks on a background with the Yxy color 39.7822, 0.3153, 0.2542.

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

39.7822, 0.3153, 0.2542

Protanopia

39.9007, 0.2573, 0.2524

Deuteranopia

39.9829, 0.2785, 0.2725



Tritanopia

39.6206, 0.3491, 0.3127

Trichromacy



Original Color

39.7822, 0.3153, 0.2542

Protanomaly

39.3607, 0.2758, 0.2520

Deuteranomaly

39.3945, 0.2907, 0.2644

Tritanomaly

39.5506, 0.3360, 0.2897

Monochromacy



Original Color

39.7822, 0.3153, 0.2542

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1059, 0.3132, 0.2992

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7822, 0.3153, 0.2542 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(211, 148, 212)` looks like.

```
.text, #text, p{  
    color:rgb(211, 148, 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(211, 148, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 148, 212) }
```

Border

The CSS property to change the border of an element to Yxy 39.7822, 0.3153, 0.2542 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(211, 148, 212) }
```

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

```
.border{ border-color:rgb(211, 148, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 148, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 148, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 148, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 148,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7822, 0.3153, 0.2542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 148, 212) }
```

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

```
.background{ background-color: rgb(211,  
148, 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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