

Converting Colors

$Y_{xy}(39.1039, 0.3099, 0.2450)$

Have a look what the booklet for
Yxy(39.1039, 0.3099, 0.2450)
contains.

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Color

Yxy(39.0144, 0.3092, 0.2444)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D291DA |
| RGB | 210, 145, 218 |
| RGB Percent | 82%, 57%, 85% |
| CMY | 0.1765, 0.4314, 0.1451 |
| CMYK | 0.04, 0.33, 0.00, 0.15 |
| HSL | 293°, 50%, 71% |
| HSV | 293°, 33%, 85% |
| XYZ | 49.3586, 39.0144, 71.2603 |
| YIQ | 172.7570, 15.3070, 36.4830 |

Conversions

Conversions Part 2

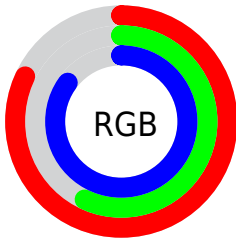
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 210, 145, 218 |
| Decimal | 13799898 |
| CIE Lab | 68.76, 36.54, -27.50 |
| CIE LCh | 69, 45.735, 323.033 |
| Yxy | 39.0144, 0.3092, 0.2444 |
| Android (android.graphics.Color) | 4291989978 (0xFFD291DA) |
| YUV | 172.7570, 22.3048, 32.6621 |
| Hunter-Lab | 62.4615, 31.7475, -23.9190 |

Details

The Yxy color **39.0144, 0.3092, 0.2444** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **58.9620, 0.3135, 0.4267**, and the grayscale version is **41.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7886, 0.3152, 0.2752**, and **17.3431, 0.3060, 0.2225** is the 20% darker color. If you saturate the color by 10%, you get **32.6323, 0.3075, 0.2197**, and if you desaturate by 10%, it is **46.6833, 0.3106, 0.2700**.

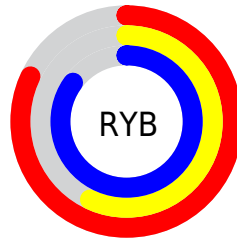
Distribution



Red (82%)

Green (57%)

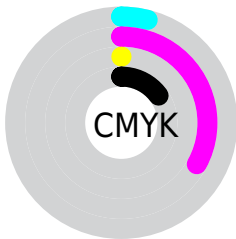
Blue (85%)



Red (82%)

Yellow (57%)

Blue (85%)

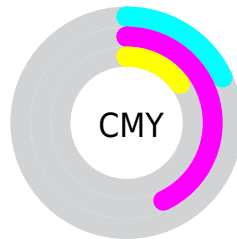


Cyan (4%)

Magenta (33%)

Yellow (0%)

Black (15%)



Cyan (18%)


Magenta (43%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.0144, 0.3092, 0.2444 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 39.0144, 0.3092, 0.2444 by changing the saturation by 10% instead.


 39.0144, 0.3092,
0.2444


 39.0144, 0.3092,
0.2444


341.9517, 0.3121,
0.2848

 26.7709, 0.3082,
0.2349


 73.6603, 0.3105,
0.2587

 17.4013, 0.3067,
0.2231


 96.8316, 0.3109,
0.2641

 10.5210, 0.3044,
0.2080


124.4142, 0.3112,
0.2688

 5.7457, 0.3008,
0.1881

156.7926, 0.3115,
0.2729

 2.6911, 0.2946,
0.1610

194.3511, 0.3117,
0.2764

 0.9727, 0.2825,
0.1229

237.4742, 0.3118,

 0.0000, 0.2737,

0.2796


0.0000


286.5463, 0.3120,
0.2824


 0.0000, 0.0000,
0.0000


 39.0144, 0.3092,
0.2444


 39.0144, 0.3092,
0.2444


 32.6323, 0.3075,
0.2197


 46.6833, 0.3106,
0.2700


 27.4587, 0.3054,
0.1969


 55.7016, 0.3117,
0.2956

 23.4143, 0.3031,
0.1771

 66.1338, 0.3125,
0.3206

 20.4086, 0.3005,
0.1610

 78.0386, 0.3131,
0.3443

 18.3367, 0.2978,
0.1492

 91.4716, 0.3134,
0.3666

■ 17.0720, 0.2950,
0.1419

■ 92.4838, 0.3148,
0.3674

■ 16.5452, 0.2931,
0.1388

■ 92.8692, 0.3163,
0.3672

■ 93.2599, 0.3179,
0.3670

■ 93.6560, 0.3194,
0.3668

Harmonies

Analogous

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



39.0144, 0.2480, 0.2261



39.0144, 0.3092, 0.2444



39.0144, 0.3785, 0.2803

Triad

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



39.0144, 0.3092, 0.2444



39.0144, 0.4230, 0.4253



39.0144, 0.2059, 0.3127

Complementary

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



39.0144, 0.3092, 0.2444



58.9620, 0.3135, 0.4267

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.



39.0144, 0.2448, 0.3835



39.0144, 0.3092, 0.2444



39.0144, 0.3698, 0.4524

Square

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



39.0144, 0.3092, 0.2444



39.0144, 0.4474, 0.3787



39.0144, 0.3045, 0.4395



39.0144, 0.1938, 0.2578

Rectangle

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



39.0144, 0.3092, 0.2444



39.0144, 0.4173, 0.3109



39.0144, 0.3045, 0.4395



39.0144, 0.2159, 0.3356

Sweetspot

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



39.0161, 0.3092, 0.2444



84.2694, 0.3120, 0.3042



34.0358, 0.2542, 0.2416



17.6001, 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.



39.0161, 0.3092, 0.2444



49.2030, 0.3080, 0.2273



38.8768, 0.3431, 0.2759



13.1986, 0.3120, 0.3058



9.9410, 0.2936, 0.1391



0.6652, 0.2983, 0.1417

Inverse Universe

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



37.4583, 0.3820, 0.3194



46.7294, 0.4032, 0.3175



59.1813, 0.2912, 0.3891



13.0746, 0.3274, 0.3265



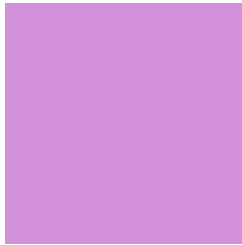
8.9770, 0.6263, 0.3224



0.5895, 0.5936, 0.3044

Previews

White Background



This preview shows how the Yxy color 39.0144, 0.3092, 0.2444 looks on a white background.

Color Contrast Check

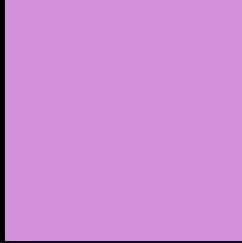
Large Text (above 18pt) WCAG AA × Fail

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 39.0144, 0.3092, 0.2444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

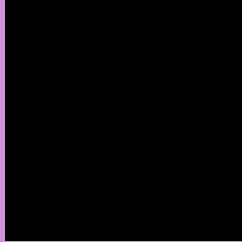
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.0144, 0.3092, 0.2444

Background



This preview shows how black text looks on a background with the Yxy color 39.0144, 0.3092, 0.2444.



This preview shows how white text looks on a background with the Yxy color 39.0144, 0.3092, 0.2444.

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

39.0144, 0.3092, 0.2444

Protanopia

39.5088, 0.2489, 0.2416

Deuteranopia

39.2389, 0.2701, 0.2644



Tritanopia

38.9292, 0.3493, 0.3138

Trichromacy



Original Color

39.0144, 0.3092, 0.2444



Protanomaly

38.7131, 0.2683, 0.2414



Deuteranomaly

38.8250, 0.2834, 0.2568



Tritanomaly

38.8002, 0.3344, 0.2859

Monochromacy



Original Color

39.0144, 0.3092, 0.2444



Achromatopsia

41.7885, 0.3127, 0.3290



Achromatomaly

40.3076, 0.3115, 0.2952

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0144, 0.3092, 0.2444 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, 145, 218)` looks like.

```
.text, #text, p{  
    color:rgb(210, 145, 218)  
}
```

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, 145, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 145, 218) }
```

Border

The CSS property to change the border of an element to Yxy 39.0144, 0.3092, 0.2444 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, 145, 218) }
```

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

```
.border{ border-color:rgb(210, 145, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 145, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 145, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 145, 218);  
box-shadow:4px 4px 4px 4px rgb(210, 145,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0144, 0.3092, 0.2444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 145, 218) }
```

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

```
.background{ background-color: rgb(210,  
145, 218) }
```

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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