

Converting Colors

Yxy(39.3641, 0.3166, 0.2586)

Have a look what the booklet for
Yxy(39.3641, 0.3166, 0.2586)
contains.

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Color

Yxy(39.2892, 0.3170, 0.2580)

Conversions

Conversions Part 1

Format	Color
Hex	D194D0
RGB	209, 148, 208
RGB Percent	82%, 58%, 82%
CMY	0.1803, 0.4196, 0.1843
CMYK	0.00, 0.29, 0.00, 0.18
HSL	301°, 40%, 70%
HSV	301°, 29%, 82%
XYZ	48.2739, 39.2892, 64.7206
YIQ	173.0790, 17.0960, 31.5920

Conversions

Conversions Part 2

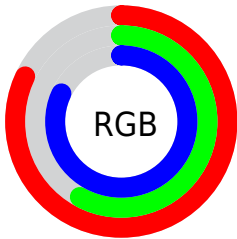
Format	Color
RYB	209, 148, 208
Decimal	13735120
CIELab	68.96, 32.72, -21.68
CIELCh	69, 39.250, 326.475
Yxy	39.2892, 0.3170, 0.2580
Android (android.graphics.Color)	4291925200 (0xFFD194D0)
YUV	173.0790, 17.2161, 31.5027
Hunter-Lab	62.6811, 27.7801, -17.3424

Details

The Yxy color **39.2892, 0.3170, 0.2580** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0748, 0.3081, 0.4120**, and the grayscale version is **41.7370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1919, 0.3151, 0.2782**, and **17.5357, 0.3182, 0.2399** is the 20% darker color. If you saturate the color by 10%, you get **33.2986, 0.3185, 0.2344**, and if you desaturate by 10%, it is **46.4672, 0.3155, 0.2825**.

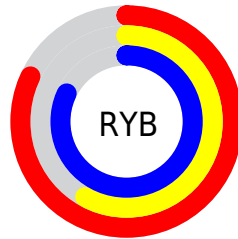
Distribution



Red (82%)

Green (58%)

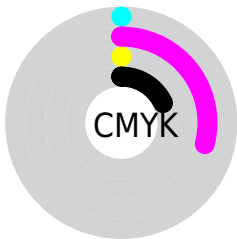
Blue (82%)



Red (82%)

Yellow (58%)

Blue (82%)

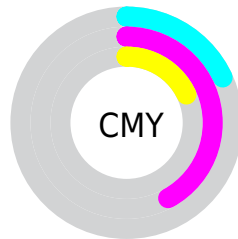


Cyan (0%)

Magenta (29%)

Yellow (0%)

Black (18%)



Cyan (18%)


Magenta (42%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2892, 0.3170, 0.2580 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 39.2892, 0.3170, 0.2580 by changing the saturation by 10% instead.


 39.2892, 0.3170,
0.2580


 39.2892, 0.3170,
0.2580


343.1185, 0.3156,
0.2924

 26.9848, 0.3171,
0.2498


 74.0799, 0.3167,
0.2702

 17.5618, 0.3171,
0.2395


 97.3350, 0.3165,
0.2749

 10.6358, 0.3169,
0.2262


125.0091, 0.3163,
0.2789

 5.8225, 0.3162,
0.2084

157.4866, 0.3162,
0.2823

 2.7375, 0.3144,
0.1835

195.1519, 0.3160,
0.2853

 0.9963, 0.3096,
0.1468

238.3894, 0.3159,

 0.0000, 0.3213,

0.2879

0.0000

287.5834, 0.3158,
0.2903

0.0000, 0.0000,
0.0000

39.2892, 0.3170,
0.2580

39.2892, 0.3170,
0.2580

33.2986, 0.3185,
0.2344

46.4672, 0.3155,
0.2825

28.4264, 0.3200,
0.2127

54.8864, 0.3140,
0.3070

24.6046, 0.3214,
0.1937

64.6036, 0.3126,
0.3309

21.7557, 0.3226,
0.1783

75.6703, 0.3113,
0.3537

19.7915, 0.3236,
0.1670

88.1357, 0.3101,
0.3751

■ 18.6078, 0.3244,
0.1600

■ 89.7349, 0.3098,
0.3772

■ 18.0312, 0.3251,
0.1567

■ 89.7521, 0.3096,
0.3768

■ 17.9933, 0.3251,
0.1565

■ 89.7693, 0.3094,
0.3764

■ 89.7866, 0.3092,
0.3761

Harmonies

Analogous

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



39.2892, 0.2623, 0.2399



39.2892, 0.3170, 0.2580



39.2892, 0.3756, 0.2913

Triad

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



39.2892, 0.3170, 0.2580



39.2892, 0.4043, 0.4171



39.2892, 0.2174, 0.3096

Complementary

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



39.2892, 0.3170, 0.2580



54.0748, 0.3081, 0.4120

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.



39.2892, 0.2495, 0.3686



39.2892, 0.3170, 0.2580



39.2892, 0.3570, 0.4350

Square

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



39.2892, 0.3170, 0.2580



39.2892, 0.4279, 0.3789



39.2892, 0.3002, 0.4182



39.2892, 0.2091, 0.2642

Rectangle

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



39.2892, 0.3170, 0.2580



39.2892, 0.4068, 0.3191



39.2892, 0.3002, 0.4182



39.2892, 0.2256, 0.3286

Sweetspot

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



39.2909, 0.3170, 0.2580



86.1970, 0.3140, 0.3072



32.0783, 0.2617, 0.2447



18.0064, 0.3142, 0.3036



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.



39.2909, 0.3170, 0.2580



55.5672, 0.3179, 0.2432



37.9710, 0.3452, 0.2914



12.0056, 0.3140, 0.3065



11.0936, 0.3250, 0.1564



0.6214, 0.3242, 0.1560

Inverse Universe

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



39.2909, 0.3170, 0.2580



55.5672, 0.3179, 0.2432



55.1396, 0.2893, 0.3701



12.0056, 0.3140, 0.3065



11.0936, 0.3250, 0.1564



0.6214, 0.3242, 0.1560

Previews

White Background



This preview shows how the Yxy color 39.2892, 0.3170, 0.2580 looks on a white background.

Color Contrast Check

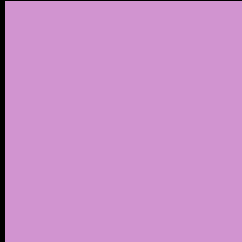
Large Text (above 18pt) WCAG AA × Fail

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 39.2892, 0.3170, 0.2580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

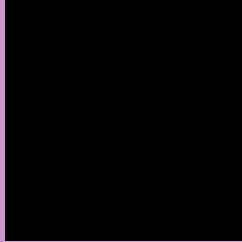
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2892, 0.3170, 0.2580

Background



This preview shows how black text looks on a background with the Yxy color 39.2892, 0.3170, 0.2580.



This preview shows how white text looks on a background with the Yxy color 39.2892, 0.3170, 0.2580.

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

39.2892, 0.3170, 0.2580

Protanopia

39.7279, 0.2612, 0.2582

Deuteranopia

39.5335, 0.2822, 0.2761



Tritanopia

39.4415, 0.3491, 0.3139

Trichromacy



Original Color

39.2892, 0.3170, 0.2580

Protanomaly

39.0982, 0.2795, 0.2576

Deuteranomaly

39.1976, 0.2939, 0.2690

Tritanomaly

39.3232, 0.3370, 0.2919

Monochromacy



Original Color

39.2892, 0.3170, 0.2580

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.5352, 0.3141, 0.3003

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2892, 0.3170, 0.2580 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(209, 148, 208)` looks like.

```
.text, #text, p{  
    color:rgb(209, 148, 208)  
}
```

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(209, 148, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 148, 208) }
```

Border

The CSS property to change the border of an element to Yxy 39.2892, 0.3170, 0.2580 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(209, 148, 208) }
```

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

```
.border{ border-color:rgb(209, 148, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 148, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 148, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 148, 208);  
box-shadow:4px 4px 4px 4px rgb(209, 148,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2892, 0.3170, 0.2580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 148, 208) }
```

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

```
.background{ background-color: rgb(209,  
148, 208) }
```

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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