

Converting Colors

$Yxy(39.1947, 0.3400, 0.2886)$

Have a look what the booklet for
Yxy(39.1947, 0.3400, 0.2886)
contains.

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Color

Yxy(39.2955, 0.3402, 0.2888)

Conversions

Conversions Part 1

Format	Color
Hex	D297B8
RGB	210, 151, 184
RGB Percent	82%, 59%, 72%
CMY	0.1766, 0.4078, 0.2785
CMYK	0.00, 0.28, 0.12, 0.18
HSL	326°, 40%, 71%
HSV	326°, 28%, 82%
XYZ	46.2892, 39.2955, 50.4800
YIQ	172.4030, 24.5710, 22.7710

Conversions

Conversions Part 2

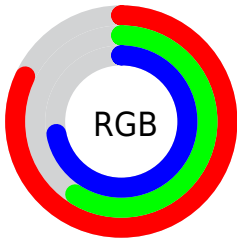
Format	Color
R _Y B	210, 151, 184
Decimal	13801400
CIE Lab	68.96, 27.16, -8.30
CIE LCh	69, 28.397, 343.002
Yxy	39.2955, 0.3402, 0.2888
Android (android.graphics.Color)	4291991480 (0xFFD297B8)
YUV	172.4030, 5.7173, 32.9726
Hunter-Lab	62.6861, 22.1088, -3.8649

Details

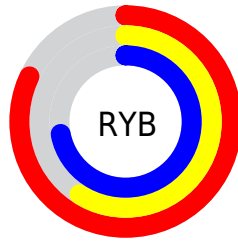
The Yxy color **39.2955, 0.3402, 0.2888** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.8369, 0.2923, 0.3731**, and the grayscale version is **41.4310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.6939, 0.3255, 0.2952**, and **17.5309, 0.3488, 0.2769** is the 20% darker color. If you saturate the color by 10%, you get **32.7532, 0.3536, 0.2740**, and if you desaturate by 10%, it is **47.0704, 0.3288, 0.3036**.

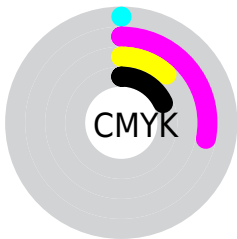
Distribution



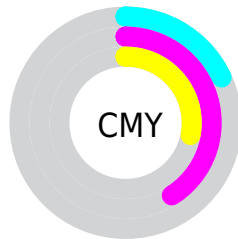
- Red (82%)
- Green (59%)
- Blue (72%)



- Red (82%)
- Yellow (59%)
- Blue (72%)



- Cyan (0%)
- Magenta (28%)
- Yellow (12%)
- Black (18%)





- Cyan (18%)
- Magenta (41%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2955, 0.3402, 0.2888 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 39.2955, 0.3402, 0.2888 by changing the saturation by 10% instead.


 39.2955, 0.3402,
0.2888


 39.2955, 0.3402,
0.2888


343.1452, 0.3264,
0.3088

 26.9897, 0.3437,
0.2838


 74.0895, 0.3352,
0.2961

 17.5655, 0.3481,
0.2775

 97.3465, 0.3333,
0.2988

 10.6385, 0.3541,
0.2690

125.0227, 0.3317,
0.3011

 5.8243, 0.3625,
0.2573

157.5025, 0.3303,
0.3031

 2.7385, 0.3751,
0.2400

195.1702, 0.3291,
0.3048

 0.9968, 0.3960,
0.2121

238.4103, 0.3281,

 0.0000, 0.5487,

0.3063

0.0000

287.6072, 0.3272,
0.3076

0.0000, 0.0000,
0.0000

39.2955, 0.3402,
0.2888

39.2955, 0.3402,
0.2888

32.7532, 0.3536,
0.2740

47.0704, 0.3288,
0.3036

27.3739, 0.3692,
0.2600

56.1322, 0.3193,
0.3179

23.0890, 0.3869,
0.2476

66.5383, 0.3113,
0.3316

19.8206, 0.4063,
0.2380

78.3413, 0.3047,
0.3443

17.4803, 0.4270,
0.2324

90.9464, 0.2992,
0.3550

■ 15.9644, 0.4481,
0.2319

■ 91.4814, 0.2942,
0.3451

■ 15.1215, 0.4686,
0.2366

■ 92.0444, 0.2893,
0.3353

■ 14.9914, 0.4726,
0.2377

■ 92.4379, 0.2860,
0.3289

Harmonies

Analogous

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



39.2955, 0.2974, 0.2681



39.2955, 0.3402, 0.2888



39.2955, 0.3772, 0.3190

Triad

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



39.2955, 0.3402, 0.2888



39.2955, 0.3632, 0.4028



39.2955, 0.2362, 0.2960

Complementary

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



39.2955, 0.3402, 0.2888



55.8369, 0.2923, 0.3731

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.



39.2955, 0.2513, 0.3346



39.2955, 0.3402, 0.2888



39.2955, 0.3235, 0.4007

Square

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



39.2955, 0.3402, 0.2888



39.2955, 0.3902, 0.3839



39.2955, 0.2827, 0.3748



39.2955, 0.2398, 0.2702

Rectangle

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



39.2955, 0.3402, 0.2888



39.2955, 0.3922, 0.3416



39.2955, 0.2827, 0.3748



39.2955, 0.2392, 0.3079

Sweetspot

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



39.2973, 0.3402, 0.2888



87.1020, 0.3193, 0.3179



36.0878, 0.2857, 0.2531



18.1572, 0.3206, 0.3158



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.



39.2973, 0.3402, 0.2888



54.3739, 0.3484, 0.2794



38.2024, 0.3697, 0.3242



11.9173, 0.3204, 0.3161



9.1675, 0.4697, 0.2361



0.5284, 0.4351, 0.2171

Inverse Universe

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



39.2973, 0.3402, 0.2888



54.3739, 0.3484, 0.2794



57.1203, 0.2745, 0.3340



11.9173, 0.3204, 0.3161



9.1675, 0.4697, 0.2361



0.5284, 0.4351, 0.2171

Previews

White Background



This preview shows how the Yxy color 39.2955, 0.3402, 0.2888 looks on a white background.

Color Contrast Check

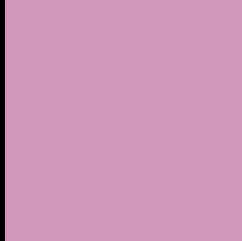
Large Text (above 18pt) WCAG AA × Fail

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 39.2955, 0.3402, 0.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

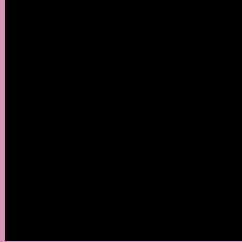
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2955, 0.3402, 0.2888

Background



This preview shows how black text looks on a background with the Yxy color 39.2955, 0.3402, 0.2888.



This preview shows how white text looks on a background with the Yxy color 39.2955, 0.3402, 0.2888.

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

39.2955, 0.3402, 0.2888

Protanopia

39.4250, 0.2881, 0.2923

Deuteranopia

39.5120, 0.3111, 0.3049



Tritanopia

39.2743, 0.3555, 0.3141

Trichromacy



Original Color

39.2955, 0.3402, 0.2888

Protanomaly

39.0312, 0.3062, 0.2908

Deuteranomaly

39.1623, 0.3208, 0.2979

Tritanomaly

39.3549, 0.3497, 0.3043

Monochromacy



Original Color

39.2955, 0.3402, 0.2888

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.1246, 0.3228, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2955, 0.3402, 0.2888 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, 151, 184)` looks like.

```
.text, #text, p{  
    color:rgb(210, 151, 184)  
}
```

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, 151, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 151, 184) }
```

Border

The CSS property to change the border of an element to Yxy 39.2955, 0.3402, 0.2888 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, 151, 184) }
```

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

```
.border{ border-color:rgb(210, 151, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 151, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 151, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 151, 184);  
box-shadow:4px 4px 4px 4px rgb(210, 151,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2955, 0.3402, 0.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 151, 184) }
```

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

```
.background{ background-color: rgb(210,  
151, 184) }
```

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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