

Converting Colors

Yxy(39.6351, 0.3315, 0.2950)

Have a look what the booklet for
Yxy(39.6351, 0.3315, 0.2950)
contains.

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Color

Yxy(39.6133, 0.3317, 0.2951)

Conversions

Conversions Part 1

Format	Color
Hex	C99CB7
RGB	201, 156, 183
RGB Percent	79%, 61%, 72%
CMY	0.2117, 0.3882, 0.2824
CMYK	0.00, 0.22, 0.09, 0.21
HSL	324°, 29%, 70%
HSV	324°, 22%, 79%
XYZ	44.5264, 39.6133, 50.0972
YIQ	172.5330, 18.1530, 17.9370

Conversions

Conversions Part 2

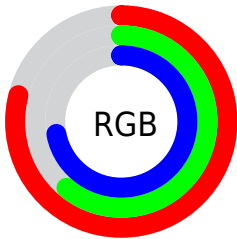
Format	Color
R _Y B	201, 156, 183
Decimal	13212855
CIE Lab	69.19, 21.11, -7.52
CIE LCh	69, 22.411, 340.407
Yxy	39.6133, 0.3317, 0.2951
Android (android.graphics.Color)	4291402935 (0xFFC99CB7)
YUV	172.5330, 5.1602, 24.9656
Hunter-Lab	62.9391, 16.1367, -3.1353

Details

The Yxy color **39.6133, 0.3317, 0.2951** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.9065, 0.2975, 0.3655**, and the grayscale version is **41.5070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0805, 0.3258, 0.3012**, and **17.6233, 0.3367, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **33.0923, 0.3428, 0.2793**, and if you desaturate by 10%, it is **47.2734, 0.3223, 0.3107**.

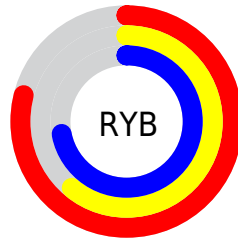
Distribution



Red (79%)

Green (61%)

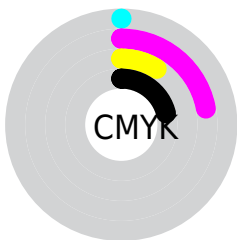
Blue (72%)



Red (79%)

Yellow (61%)

Blue (72%)

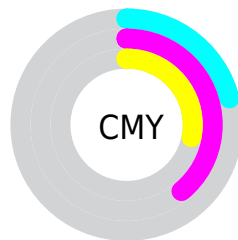


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (21%)



Cyan (21%)


Magenta (39%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6133, 0.3317, 0.2951 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 39.6133, 0.3317, 0.2951 by changing the saturation by 10% instead.


 39.6133, 0.3317,
0.2951


 39.6133, 0.3317,
0.2951


344.4910, 0.3222,
0.3121

 27.2372, 0.3341,
0.2909


 74.5743, 0.3282,
0.3013

 17.7514, 0.3372,
0.2854


 97.9280, 0.3269,
0.3036

 10.7717, 0.3413,
0.2782


125.7096, 0.3258,
0.3055

 5.9135, 0.3470,
0.2681

158.3036, 0.3249,
0.3072

 2.7926, 0.3557,
0.2531

196.0943, 0.3241,
0.3087

 1.0244, 0.3700,
0.2285

239.4662, 0.3234,

 0.0000, 0.5014,

0.3099

0.0000

288.8036, 0.3227,
0.3111

0.0000, 0.0000,
0.0000

39.6133, 0.3317,
0.2951

39.6133, 0.3317,
0.2951

33.0923, 0.3428,
0.2793

47.2734, 0.3223,
0.3107

27.6499, 0.3557,
0.2638

56.1186, 0.3144,
0.3256

23.2281, 0.3704,
0.2494

66.1991, 0.3078,
0.3396

19.7610, 0.3868,
0.2372

77.5604, 0.3023,
0.3527

17.1752, 0.4045,
0.2284

89.2802, 0.2978,
0.3632

■ 15.3864, 0.4230,
0.2240

■ 89.7253, 0.2934,
0.3543

■ 14.2936, 0.4413,
0.2247

■ 90.1912, 0.2892,
0.3455

■ 13.7897, 0.4551,
0.2281

■ 90.6783, 0.2850,
0.3369

■ 91.1601, 0.2811,
0.3289

Harmonies

Analogous

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



39.6133, 0.2981, 0.2792



39.6133, 0.3317, 0.2951



39.6133, 0.3613, 0.3191

Triad

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



39.6133, 0.3317, 0.2951



39.6133, 0.3553, 0.3864



39.6133, 0.2521, 0.3059

Complementary

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



39.6133, 0.3317, 0.2951



51.9065, 0.2975, 0.3655

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.



39.6133, 0.2657, 0.3366



39.6133, 0.3317, 0.2951



39.6133, 0.3246, 0.3855

Square

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



39.6133, 0.3317, 0.2951



39.6133, 0.3750, 0.3713



39.6133, 0.2919, 0.3669



39.6133, 0.2536, 0.2839

Rectangle

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



39.6133, 0.3317, 0.2951



39.6133, 0.3740, 0.3374



39.6133, 0.2919, 0.3669



39.6133, 0.2550, 0.3155

Sweetspot

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



39.6151, 0.3317, 0.2951



88.6836, 0.3179, 0.3186



36.9935, 0.2908, 0.2696



18.7836, 0.3184, 0.3177



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.



39.6151, 0.3317, 0.2951



62.0115, 0.3370, 0.2872



38.7519, 0.3535, 0.3233



10.7419, 0.3198, 0.3152



8.6871, 0.4526, 0.2267



0.4254, 0.4181, 0.2077

Inverse Universe

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



39.6151, 0.3317, 0.2951



62.0115, 0.3370, 0.2872



52.8589, 0.2827, 0.3348



10.7419, 0.3198, 0.3152



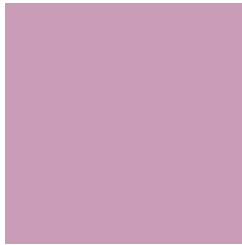
8.6871, 0.4526, 0.2267



0.4254, 0.4181, 0.2077

Previews

White Background



This preview shows how the Yxy color 39.6133, 0.3317, 0.2951 looks on a white background.

Color Contrast Check

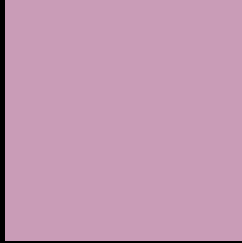
Large Text (above 18pt) WCAG AA × Fail

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 39.6133, 0.3317, 0.2951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

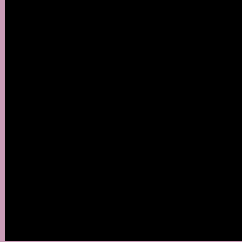
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6133, 0.3317, 0.2951

Background



This preview shows how black text looks on a background with the Yxy color 39.6133, 0.3317, 0.2951.



This preview shows how white text looks on a background with the Yxy color 39.6133, 0.3317, 0.2951.

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

39.6133, 0.3317, 0.2951

Protanopia

39.8300, 0.2930, 0.2990

Deuteranopia

39.5904, 0.3129, 0.3063



Tritanopia

39.4981, 0.3418, 0.3137

Trichromacy



Original Color

39.6133, 0.3317, 0.2951

Protanomaly

39.7225, 0.3068, 0.2985

Deuteranomaly

39.5585, 0.3196, 0.3016

Tritanomaly

39.4884, 0.3381, 0.3062

Monochromacy



Original Color

39.6133, 0.3317, 0.2951

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8790, 0.3189, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6133, 0.3317, 0.2951 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(201, 156, 183)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 183)  
}
```

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(201, 156, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 183) }
```

Border

The CSS property to change the border of an element to Yxy 39.6133, 0.3317, 0.2951 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(201, 156, 183) }
```

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

```
.border{ border-color:rgb(201, 156, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 156, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 183);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6133, 0.3317, 0.2951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 156, 183) }
```

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

```
.background{ background-color: rgb(201,  
156, 183) }
```

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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