

Converting Colors

$Yxy(39.7486, 0.3288, 0.2916)$

Have a look what the booklet for
Yxy(39.7486, 0.3288, 0.2916)
contains.

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Color

Yxy(39.7396, 0.3289, 0.2915)

Conversions

Conversions Part 1

Format	Color
Hex	C99CBA
RGB	201, 156, 186
RGB Percent	79%, 61%, 73%
CMY	0.2117, 0.3882, 0.2707
CMYK	0.00, 0.22, 0.07, 0.21
HSL	320°, 29%, 70%
HSV	320°, 22%, 79%
XYZ	44.8383, 39.7396, 51.7501
YIQ	172.8750, 17.1900, 18.8700

Conversions

Conversions Part 2

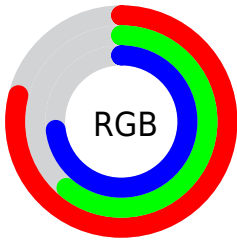
Format	Color
R _Y B	201, 156, 186
Decimal	13212858
CIE Lab	69.28, 21.63, -9.04
CIE LCh	69, 23.441, 337.319
Yxy	39.7396, 0.3289, 0.2915
Android (android.graphics.Color)	4291402938 (0xFFC99CBA)
YUV	172.8750, 6.4706, 24.6656
Hunter-Lab	63.0394, 16.6436, -4.5446

Details

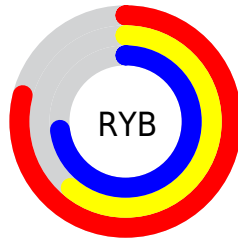
The Yxy color **39.7396, 0.3289, 0.2915** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.7865, 0.2995, 0.3697**, and the grayscale version is **41.6828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2593, 0.3237, 0.2983**, and **17.7051, 0.3327, 0.2800** is the 20% darker color. If you saturate the color by 10%, you get **33.2653, 0.3382, 0.2741**, and if you desaturate by 10%, it is **47.3471, 0.3209, 0.3087**.

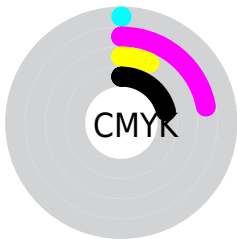
Distribution



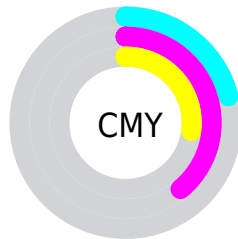
- Red (79%)
- Green (61%)
- Blue (73%)



- Red (79%)
- Yellow (61%)
- Blue (73%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (21%)




- Cyan (21%)
- Magenta (39%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.7396, 0.3289, 0.2915 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 39.7396, 0.3289, 0.2915 by changing the saturation by 10% instead.

 39.7396, 0.3289,
0.2915


 39.7396, 0.3289,
0.2915

345.0248, 0.3209,
0.3102

 27.3356, 0.3309,
0.2869


 74.7668, 0.3260,
0.2983

 17.8254, 0.3334,
0.2809


 98.1588, 0.3249,
0.3008

 10.8247, 0.3368,
0.2730


125.9822, 0.3240,
0.3030

 5.9491, 0.3415,
0.2621

158.6215, 0.3232,
0.3048

 2.8141, 0.3483,
0.2459

196.4610, 0.3225,
0.3064

 1.0355, 0.3594,
0.2197

239.8851, 0.3219,

 0.0000, 0.4534,

0.3078

0.0000

289.2782, 0.3213,
0.3091

■ 0.0000, 0.0000,
0.0000

■ 39.7396, 0.3289,
0.2915

■ 39.7396, 0.3289,
0.2915

■ 33.2653, 0.3382,
0.2741

■ 47.3471, 0.3209,
0.3087

■ 27.8640, 0.3489,
0.2571

■ 56.1338, 0.3142,
0.3252

■ 23.4775, 0.3610,
0.2414

■ 66.1495, 0.3085,
0.3408

■ 20.0405, 0.3743,
0.2279

■ 77.4398, 0.3037,
0.3553

■ 17.4795, 0.3884,
0.2177

■ 89.0815, 0.2998,
0.3673

■ 15.7105, 0.4030,
0.2120

■ 89.4433, 0.2961,
0.3598

■ 14.6327, 0.4175,
0.2112

■ 89.8196, 0.2925,
0.3525

■ 14.1366, 0.4283,
0.2133

■ 90.2105, 0.2890,
0.3452

■ 90.6162, 0.2855,
0.3380

Harmonies

Analogous

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



39.7396, 0.2940, 0.2760



39.7396, 0.3289, 0.2915



39.7396, 0.3608, 0.3158

Triad

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



39.7396, 0.3289, 0.2915



39.7396, 0.3599, 0.3880



39.7396, 0.2502, 0.3078

Complementary

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



39.7396, 0.3289, 0.2915



51.7865, 0.2995, 0.3697

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.



39.7396, 0.2659, 0.3404



39.7396, 0.3289, 0.2915



39.7396, 0.3287, 0.3892

Square

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



39.7396, 0.3289, 0.2915



39.7396, 0.3789, 0.3707



39.7396, 0.2943, 0.3714



39.7396, 0.2502, 0.2836

Rectangle

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



39.7396, 0.3289, 0.2915



39.7396, 0.3753, 0.3346



39.7396, 0.2943, 0.3714



39.7396, 0.2538, 0.3181

Sweetspot

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



39.7414, 0.3289, 0.2915



88.7573, 0.3172, 0.3175



36.6545, 0.2881, 0.2692



18.8007, 0.3176, 0.3165



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.



39.7414, 0.3289, 0.2915



62.2678, 0.3334, 0.2828



38.8595, 0.3505, 0.3195



10.7541, 0.3188, 0.3137



8.9054, 0.4264, 0.2123



0.4347, 0.3991, 0.1972

Inverse Universe

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



39.7414, 0.3289, 0.2915



62.2678, 0.3334, 0.2828



52.7180, 0.2846, 0.3388



10.7541, 0.3188, 0.3137



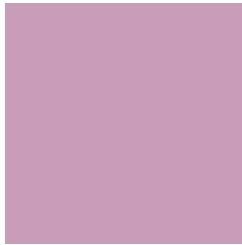
8.9054, 0.4264, 0.2123



0.4347, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 39.7396, 0.3289, 0.2915 looks on a white background.

Color Contrast Check

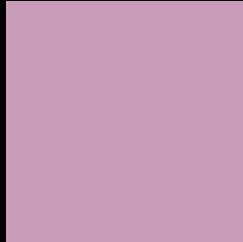
Large Text (above 18pt) WCAG AA × Fail

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 39.7396, 0.3289, 0.2915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

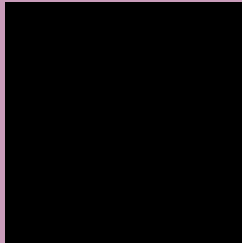
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.7396, 0.3289, 0.2915

Background



This preview shows how black text looks on a background with the Yxy color 39.7396, 0.3289, 0.2915.



This preview shows how white text looks on a background with the Yxy color 39.7396, 0.3289, 0.2915.

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

39.7396, 0.3289, 0.2915

Protanopia

39.8996, 0.2890, 0.2938

Deuteranopia

39.9547, 0.3093, 0.3037



Tritanopia

39.8787, 0.3406, 0.3137

Trichromacy



Original Color

39.7396, 0.3289, 0.2915

Protanomaly

39.7775, 0.3026, 0.2933

Deuteranomaly

39.9082, 0.3160, 0.2990

Tritanomaly

39.8677, 0.3370, 0.3062

Monochromacy



Original Color

39.7396, 0.3289, 0.2915

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9191, 0.3180, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.7396, 0.3289, 0.2915 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(201, 156, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 156, 186) }
```

Border

The CSS property to change the border of an element to Yxy 39.7396, 0.3289, 0.2915 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, 186) }
```

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

```
.border{ border-color:rgb(201, 156, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 156, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 156, 186);  
box-shadow:4px 4px 4px 4px rgb(201, 156,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 39.7396, 0.3289, 0.2915 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, 186) }
```

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

```
.background{ background-color: rgb(201,  
156, 186) }
```

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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