

Converting Colors

$Yxy(39.4253, 0.3389, 0.2932)$

Have a look what the booklet for
Yxy(39.4253, 0.3389, 0.2932)
contains.

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Color

Yxy(39.4253, 0.3389, 0.2932)

Conversions

Conversions Part 1

Format	Color
Hex	CF99B6
RGB	207, 153, 182
RGB Percent	81%, 60%, 71%
CMY	0.1882, 0.4000, 0.2862
CMYK	0.00, 0.26, 0.12, 0.19
HSL	328°, 36%, 71%
HSV	328°, 26%, 81%
XYZ	45.5704, 39.4253, 49.4699
YIQ	172.4520, 22.8750, 20.4670

Conversions

Conversions Part 2

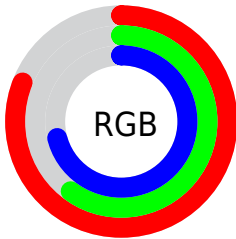
Format	Color
R _{YB}	207, 153, 182
Decimal	13605302
CIE Lab	69.06, 24.71, -7.10
CIE LCh	69, 25.707, 343.965
Yxy	39.4253, 0.3389, 0.2932
Android (android.graphics.Color)	4291795382 (0xFFCF99B6)
YUV	172.4520, 4.7072, 30.2986
Hunter-Lab	62.7896, 19.6670, -2.7600

Details

The Yxy color **39.4253, 0.3389, 0.2932** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.6186, 0.2929, 0.3679**, and the grayscale version is **41.4644, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.5448, 0.3267, 0.2992**, and **17.5677, 0.3470, 0.2826** is the 20% darker color. If you saturate the color by 10%, you get **32.8456, 0.3525, 0.2789**, and if you desaturate by 10%, it is **47.2112, 0.3274, 0.3074**.

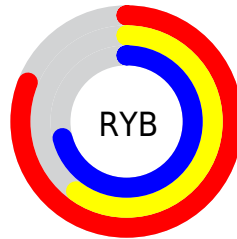
Distribution



Red (81%)

Green (60%)

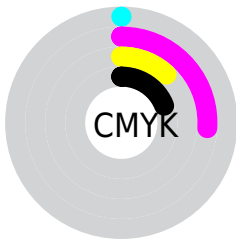
Blue (71%)



Red (81%)

Yellow (60%)

Blue (71%)

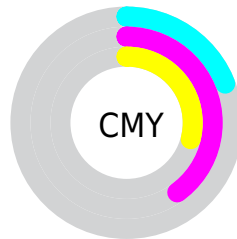


Cyan (0%)

Magenta (26%)

Yellow (12%)

Black (19%)



Cyan (19%)

Magenta (40%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4253, 0.3389, 0.2932 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 39.4253, 0.3389, 0.2932 by changing the saturation by 10% instead.

 39.4253, 0.3389,
0.2932


 39.4253, 0.3389,
0.2932

343.6953, 0.3257,
0.3111

 27.0907, 0.3422,
0.2887


 74.2876, 0.3341,
0.2997

 17.6414, 0.3465,
0.2830


 97.5841, 0.3323,
0.3021

 10.6928, 0.3523,
0.2754


125.3034, 0.3307,
0.3042

 5.8607, 0.3604,
0.2648

157.8299, 0.3294,
0.3060

 2.7606, 0.3727,
0.2490

195.5479, 0.3283,
0.3075

 1.0080, 0.3934,
0.2231

238.8419, 0.3273,

 0.0000, 0.5683,

0.3089

0.0000

288.0962, 0.3265,
0.3100

0.0000, 0.0000,
0.0000

39.4253, 0.3389,
0.2932

39.4253, 0.3389,
0.2932

32.8456, 0.3525,
0.2789

47.2112, 0.3274,
0.3074

27.4055, 0.3685,
0.2652

56.2549, 0.3178,
0.3210

23.0401, 0.3867,
0.2528

66.6113, 0.3098,
0.3339

19.6758, 0.4070,
0.2431

78.3305, 0.3031,
0.3460

17.2294, 0.4289,
0.2371

90.4961, 0.2977,
0.3555

■ 15.6043, 0.4513,
0.2360

■ 91.0491, 0.2925,
0.3452

■ 14.6793, 0.4732,
0.2402

■ 91.6322, 0.2874,
0.3351

■ 14.4193, 0.4817,
0.2427

■ 92.0073, 0.2844,
0.3289

Harmonies

Analogous

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



39.4253, 0.3002, 0.2739



39.4253, 0.3389, 0.2932



39.4253, 0.3718, 0.3211

Triad

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



39.4253, 0.3389, 0.2932



39.4253, 0.3576, 0.3960



39.4253, 0.2429, 0.2985

Complementary

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



39.4253, 0.3389, 0.2932



54.6186, 0.2929, 0.3679

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.



39.4253, 0.2563, 0.3331



39.4253, 0.3389, 0.2932



39.4253, 0.3216, 0.3930

Square

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



39.4253, 0.3389, 0.2932



39.4253, 0.3824, 0.3798



39.4253, 0.2846, 0.3691



39.4253, 0.2467, 0.2752

Rectangle

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



39.4253, 0.3389, 0.2932



39.4253, 0.3850, 0.3418



39.4253, 0.2846, 0.3691



39.4253, 0.2455, 0.3091

Sweetspot

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



39.4271, 0.3389, 0.2932



87.0746, 0.3196, 0.3184



36.6705, 0.2888, 0.2592



18.1502, 0.3210, 0.3163



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.



39.4271, 0.3389, 0.2932



57.3746, 0.3458, 0.2856



38.4393, 0.3652, 0.3257



11.9129, 0.3208, 0.3166



9.1028, 0.4789, 0.2412



0.5249, 0.4421, 0.2209

Inverse Universe

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



39.4271, 0.3389, 0.2932



57.3746, 0.3458, 0.2856



55.7789, 0.2764, 0.3324



11.9129, 0.3208, 0.3166



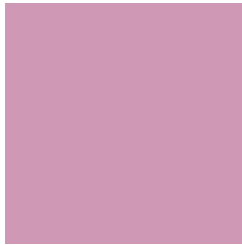
9.1028, 0.4789, 0.2412



0.5249, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 39.4253, 0.3389, 0.2932 looks on a white background.

Color Contrast Check

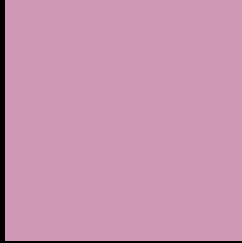
Large Text (above 18pt) WCAG AA × Fail

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 39.4253, 0.3389, 0.2932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

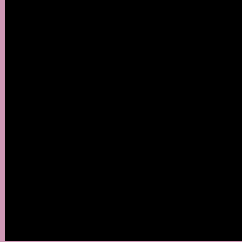
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4253, 0.3389, 0.2932

Background



This preview shows how black text looks on a background with the Yxy color 39.4253, 0.3389, 0.2932.



This preview shows how white text looks on a background with the Yxy color 39.4253, 0.3389, 0.2932.

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

39.4253, 0.3389, 0.2932

Protanopia

39.7662, 0.2913, 0.2976

Deuteranopia

39.5495, 0.3137, 0.3076



Tritanopia

39.5461, 0.3510, 0.3152

Trichromacy



Original Color

39.4253, 0.3389, 0.2932

Protanomaly

39.5285, 0.3069, 0.2959

Deuteranomaly

39.4250, 0.3225, 0.3017

Tritanomaly

39.5431, 0.3473, 0.3078

Monochromacy



Original Color

39.4253, 0.3389, 0.2932

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3591, 0.3218, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4253, 0.3389, 0.2932 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(207, 153, 182)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 182)  
}
```

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(207, 153, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 182) }
```

Border

The CSS property to change the border of an element to Yxy 39.4253, 0.3389, 0.2932 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(207, 153, 182) }
```

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

```
.border{ border-color:rgb(207, 153, 182) }
```

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

Here you see how a box with a 4 pixel rgb(207, 153, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 182);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4253, 0.3389, 0.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 182) }
```

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

```
.background{ background-color: rgb(207,  
153, 182) }
```

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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