

Converting Colors

Yxy(39.8940, 0.3423, 0.3169)

Have a look what the booklet for
Yxy(39.8940, 0.3423, 0.3169)
contains.

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Color

Yxy(39.8030, 0.3425, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	C79FA9
RGB	199, 159, 169
RGB Percent	78%, 62%, 66%
CMY	0.2196, 0.3765, 0.3371
CMYK	0.00, 0.20, 0.15, 0.22
HSL	345°, 26%, 70%
HSV	345°, 20%, 78%
XYZ	43.1136, 39.8030, 42.9626
YIQ	172.1000, 20.6300, 11.5900

Conversions

Conversions Part 2

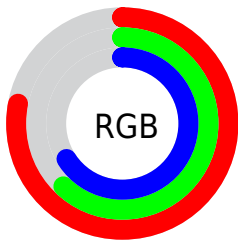
Format	Color
RYB	199, 159, 169
Decimal	13082537
CIELab	69.33, 16.38, 0.43
CIELCh	69, 16.383, 1.493
Yxy	39.8030, 0.3425, 0.3162
Android (android.graphics.Color)	4291272617 (0xFFC79FA9)
YUV	172.1000, -1.5283, 23.5913
Hunter-Lab	63.0896, 11.5749, 3.7876

Details

The Yxy color **39.8030, 0.3425, 0.3162** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8874, 0.2896, 0.3422**, and the grayscale version is **41.3097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7350, 0.3361, 0.3190**, and **17.8195, 0.3524, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **32.9741, 0.3626, 0.3094**, and if you desaturate by 10%, it is **47.8010, 0.3261, 0.3228**.

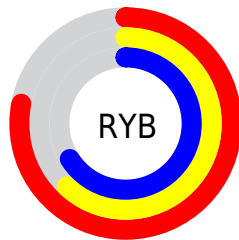
Distribution



Red (78%)

Green (62%)

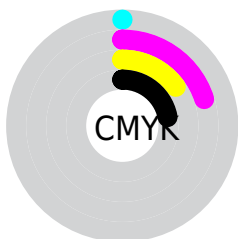
Blue (66%)



Red (78%)

Yellow (62%)

Blue (66%)

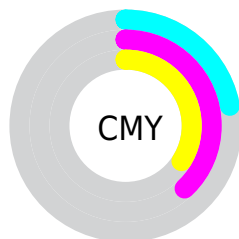


Cyan (0%)

Magenta (20%)

Yellow (15%)

Black (22%)



Cyan (22%)


Magenta (38%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8030, 0.3425, 0.3162 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 39.8030, 0.3425, 0.3162 by changing the saturation by 10% instead.


 39.8030, 0.3425,
0.3162


 39.8030, 0.3425,
0.3162


345.2925, 0.3272,
0.3228

 27.3850, 0.3465,
0.3145


 74.8634, 0.3368,
0.3186

 17.8626, 0.3516,
0.3122


 98.2746, 0.3347,
0.3196

 10.8514, 0.3587,
0.3092


126.1190, 0.3330,
0.3203

 5.9670, 0.3688,
0.3048

158.7810, 0.3315,
0.3210

 2.8250, 0.3846,
0.2979

196.6449, 0.3302,
0.3215

 1.0411, 0.4127,
0.2855

240.0952, 0.3291,

 0.0000, 1.0000,

0.3220

0.0000

289.5163, 0.3281,
0.3224

0.0000, 0.0000,
0.0000

39.8030, 0.3425,
0.3162

39.8030, 0.3425,
0.3162

32.9741, 0.3626,
0.3094

47.8010, 0.3261,
0.3228

27.2543, 0.3871,
0.3027

57.0140, 0.3128,
0.3289

22.5861, 0.4163,
0.2966

67.4917, 0.3020,
0.3347

18.9048, 0.4503,
0.2919

79.2797, 0.2932,
0.3399

16.1385, 0.4880,
0.2897

90.1670, 0.2858,
0.3410

■ 14.2055, 0.5269,
0.2909

■ 90.8811, 0.2800,
0.3289

■ 13.0091, 0.5635,
0.2963

■ 12.3706, 0.5939,
0.3046

Harmonies

Analogous

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



39.8030, 0.3195, 0.2996



39.8030, 0.3425, 0.3162



39.8030, 0.3576, 0.3364

Triad

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



39.8030, 0.3425, 0.3162



39.8030, 0.3289, 0.3714



39.8030, 0.2675, 0.3001

Complementary

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



39.8030, 0.3425, 0.3162



51.8874, 0.2896, 0.3422

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.



39.8030, 0.2698, 0.3188



39.8030, 0.3425, 0.3162



39.8030, 0.3047, 0.3613

Square

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



39.8030, 0.3425, 0.3162



39.8030, 0.3493, 0.3688



39.8030, 0.2832, 0.3416



39.8030, 0.2766, 0.2900

Rectangle

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



39.8030, 0.3425, 0.3162



39.8030, 0.3608, 0.3496



39.8030, 0.2832, 0.3416



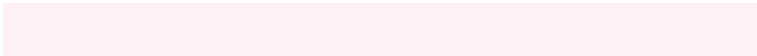
39.8030, 0.2669, 0.3056

Sweetspot

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



39.8048, 0.3425, 0.3162



89.9073, 0.3205, 0.3253



39.6543, 0.3053, 0.2781



19.0191, 0.3214, 0.3249



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.



39.8048, 0.3425, 0.3162



64.3654, 0.3506, 0.3133



42.7736, 0.3499, 0.3411



10.6799, 0.3251, 0.3232



7.9673, 0.5906, 0.3027



0.3893, 0.5294, 0.2690

Inverse Universe

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



39.8048, 0.3425, 0.3162



64.3654, 0.3506, 0.3133



48.1753, 0.2822, 0.3166



10.6799, 0.3251, 0.3232



7.9673, 0.5906, 0.3027



0.3893, 0.5294, 0.2690

Previews

White Background



This preview shows how the Yxy color 39.8030, 0.3425, 0.3162 looks on a white background.

Color Contrast Check

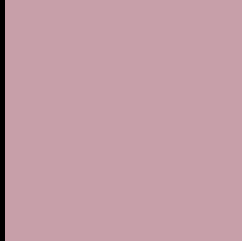
Large Text (above 18pt) WCAG AA × Fail

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 39.8030, 0.3425, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

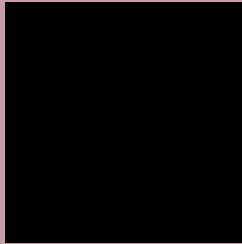
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8030, 0.3425, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 39.8030, 0.3425, 0.3162.



This preview shows how white text looks on a background with the Yxy color 39.8030, 0.3425, 0.3162.

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

39.8030, 0.3425, 0.3162

Protanopia

40.1290, 0.3095, 0.3207

Deuteranopia

39.8172, 0.3300, 0.3237



Tritanopia

39.8787, 0.3406, 0.3137

Trichromacy



Original Color

39.8030, 0.3425, 0.3162

Protanomaly

39.7512, 0.3207, 0.3183

Deuteranomaly

39.7442, 0.3351, 0.3212

Tritanomaly

39.8407, 0.3416, 0.3150

Monochromacy



Original Color

39.8030, 0.3425, 0.3162

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.5228, 0.3232, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8030, 0.3425, 0.3162 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(199, 159, 169)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 169)  
}
```

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(199, 159, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 169) }
```

Border

The CSS property to change the border of an element to Yxy 39.8030, 0.3425, 0.3162 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(199, 159, 169) }
```

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

```
.border{ border-color:rgb(199, 159, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 169);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8030, 0.3425, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 169) }
```

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

```
.background{ background-color: rgb(199,  
159, 169) }
```

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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