

Converting Colors

$Yxy(39.8689, 0.3557, 0.3071)$

Have a look what the booklet for
Yxy(39.8689, 0.3557, 0.3071)
contains.

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Color

Yxy(39.8689, 0.3557, 0.3071)

Conversions

Conversions Part 1

Format	Color
Hex	D599AB
RGB	213, 153, 171
RGB Percent	84%, 60%, 67%
CMY	0.1647, 0.3999, 0.3295
CMYK	0.00, 0.28, 0.20, 0.16
HSL	342°, 42%, 72%
HSV	342°, 28%, 84%
XYZ	46.1783, 39.8689, 43.7766
YIQ	172.9920, 29.9820, 18.3180

Conversions

Conversions Part 2

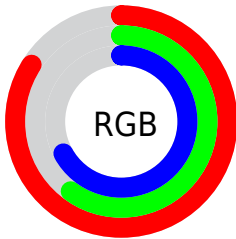
Format	Color
R _Y B	213, 153, 171
Decimal	13998507
CIE Lab	69.38, 25.07, -0.41
CIE LCh	69, 25.073, 359.057
Yxy	39.8689, 0.3557, 0.3071
Android (android.graphics.Color)	4292188587 (0xFFD599AB)
YUV	172.9920, -0.9821, 35.0870
Hunter-Lab	63.1418, 20.0466, 3.0932

Details

The Yxy color **39.8689, 0.3557, 0.3071** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.2987, 0.2827, 0.3522**, and the grayscale version is **41.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.8627, 0.3354, 0.3109**, and **17.8074, 0.3683, 0.2996** is the 20% darker color. If you saturate the color by 10%, you get **32.9719, 0.3778, 0.2990**, and if you desaturate by 10%, it is **48.0782, 0.3376, 0.3152**.

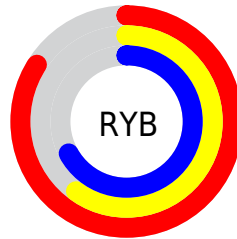
Distribution



Red (84%)

Green (60%)

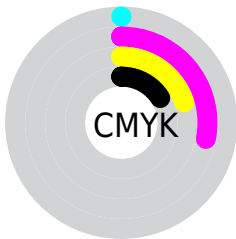
Blue (67%)



Red (84%)

Yellow (60%)

Blue (67%)

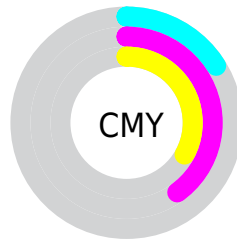


Cyan (0%)

Magenta (28%)

Yellow (20%)

Black (16%)



Cyan (16%)


Magenta (40%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8689, 0.3557, 0.3071 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 39.8689, 0.3557, 0.3071 by changing the saturation by 10% instead.


 39.8689, 0.3557,
0.3071


 39.8689, 0.3557,
0.3071


345.5707, 0.3337,
0.3183

 27.4363, 0.3614,
0.3042


 74.9638, 0.3476,
0.3112

 17.9012, 0.3688,
0.3005


 98.3950, 0.3445,
0.3128

 10.8791, 0.3788,
0.2954


126.2612, 0.3420,
0.3141

 5.9856, 0.3932,
0.2881

158.9467, 0.3398,
0.3152

 2.8363, 0.4155,
0.2769

196.8361, 0.3380,
0.3161

 1.0469, 0.4544,
0.2574

240.3136, 0.3364,

 0.0000, 1.0000,

0.3169

0.0000

289.7636, 0.3349,
0.3177

0.0000, 0.0000,
0.0000

39.8689, 0.3557,
0.3071

39.8689, 0.3557,
0.3071

32.9719, 0.3778,
0.2990

48.0782, 0.3376,
0.3152

27.3134, 0.4042,
0.2914

57.6577, 0.3227,
0.3230

22.8206, 0.4350,
0.2853

68.6683, 0.3107,
0.3303

19.4110, 0.4696,
0.2815

81.1658, 0.3009,
0.3371

16.9908, 0.5062,
0.2814

92.2926, 0.2927,
0.3387

■ 15.4502, 0.5419,
0.2858

■ 92.8847, 0.2877,
0.3289

■ 14.6294, 0.5734,
0.2945

■ 14.5124, 0.5788,
0.2962

Harmonies

Analogous

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



39.8689, 0.3195, 0.2835



39.8689, 0.3557, 0.3071



39.8689, 0.3806, 0.3366

Triad

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



39.8689, 0.3557, 0.3071



39.8689, 0.3395, 0.3952



39.8689, 0.2445, 0.2863

Complementary

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



39.8689, 0.3557, 0.3071



58.2987, 0.2827, 0.3522

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.



39.8689, 0.2492, 0.3152



39.8689, 0.3557, 0.3071



39.8689, 0.3028, 0.3816

Square

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



39.8689, 0.3557, 0.3071



39.8689, 0.3703, 0.3883



39.8689, 0.2700, 0.3510



39.8689, 0.2565, 0.2708

Rectangle

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



39.8689, 0.3557, 0.3071



39.8689, 0.3865, 0.3567



39.8689, 0.2700, 0.3510



39.8689, 0.2442, 0.2946

Sweetspot

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



39.8707, 0.3557, 0.3071



86.7814, 0.3226, 0.3231



39.1921, 0.2997, 0.2558



18.0766, 0.3247, 0.3219



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.



39.8707, 0.3557, 0.3071



53.2831, 0.3689, 0.3021



43.3584, 0.3700, 0.3440



12.4814, 0.3244, 0.3220



8.8816, 0.5750, 0.2941



0.5502, 0.5252, 0.2667

Inverse Universe

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



39.8707, 0.3557, 0.3071



53.2831, 0.3689, 0.3021



53.3481, 0.2705, 0.3134



12.4814, 0.3244, 0.3220



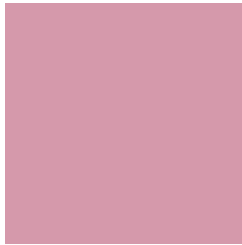
8.8816, 0.5750, 0.2941



0.5502, 0.5252, 0.2667

Previews

White Background



This preview shows how the Yxy color 39.8689, 0.3557, 0.3071 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 39.8689, 0.3557, 0.3071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

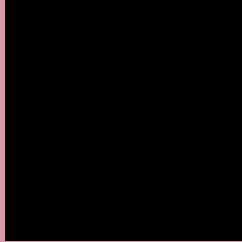
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8689, 0.3557, 0.3071

Background



This preview shows how black text looks on a background with the Yxy color 39.8689, 0.3557, 0.3071.



This preview shows how white text looks on a background with the Yxy color 39.8689, 0.3557, 0.3071.

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

39.8689, 0.3557, 0.3071

Protanopia

40.2173, 0.3045, 0.3139

Deuteranopia

39.8546, 0.3291, 0.3224



Tritanopia

39.8614, 0.3595, 0.3143

Trichromacy



Original Color

39.8689, 0.3557, 0.3071

Protanomaly

39.8078, 0.3220, 0.3105

Deuteranomaly

39.7797, 0.3385, 0.3161

Tritanomaly

39.9354, 0.3575, 0.3119

Monochromacy



Original Color

39.8689, 0.3557, 0.3071

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.9424, 0.3280, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8689, 0.3557, 0.3071 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(213, 153, 171)` looks like.

```
.text, #text, p{  
    color:rgb(213, 153, 171)  
}
```

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(213, 153, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 153, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.8689, 0.3557, 0.3071 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(213, 153, 171) }
```

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

```
.border{ border-color:rgb(213, 153, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 153, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 153, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 153, 171);  
box-shadow:4px 4px 4px 4px rgb(213, 153,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8689, 0.3557, 0.3071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 153, 171) }
```

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

```
.background{ background-color: rgb(213,  
153, 171) }
```

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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