

Converting Colors

$Yxy(39.7854, 0.3459, 0.3271)$

Have a look what the booklet for
Yxy(39.7854, 0.3459, 0.3271)
contains.

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Color

Yxy(39.8341, 0.3459, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C4A1A2
RGB	196, 161, 162
RGB Percent	77%, 63%, 64%
CMY	0.2313, 0.3686, 0.3647
CMYK	0.00, 0.18, 0.17, 0.23
HSL	358°, 23%, 70%
HSV	358°, 18%, 77%
XYZ	42.0336, 39.8341, 39.6518
YIQ	171.5790, 20.5390, 7.7310

Conversions

Conversions Part 2

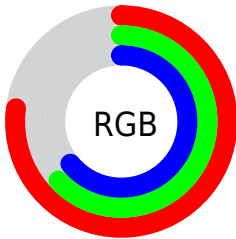
Format	Color
R _Y B	196, 161, 162
Decimal	12886434
CIE Lab	69.35, 13.05, 4.33
CIE LCh	69, 13.748, 18.378
Yxy	39.8341, 0.3459, 0.3278
Android (android.graphics.Color)	4291076514 (0xFFC4A1A2)
YUV	171.5790, -4.7224, 21.4172
Hunter-Lab	63.1143, 8.4296, 6.9308

Details

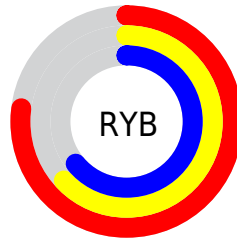
The Yxy color $39.8341, 0.3459, 0.3278$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $51.0049, 0.2868, 0.3302$, and the grayscale version is $41.0490, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0041, 0.3394, 0.3281$, and $17.8139, 0.3572, 0.3274$ is the 20% darker color. If you saturate the color by 10%, you get $32.8868, 0.3711, 0.3271$, and if you desaturate by 10%, it is $47.9615, 0.3257, 0.3285$.

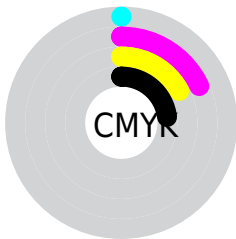
Distribution



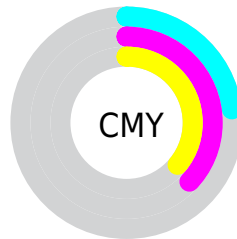
- Red (77%)
- Green (63%)
- Blue (64%)



- Red (77%)
- Yellow (63%)
- Blue (64%)



- Cyan (0%)
- Magenta (18%)
- Yellow (17%)
- Black (23%)




- Cyan (23%)
- Magenta (37%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8341, 0.3459, 0.3278 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 39.8341, 0.3459, 0.3278 by changing the saturation by 10% instead.


 39.8341, 0.3459,
0.3278


 39.8341, 0.3459,
0.3278


345.4238, 0.3288,
0.3286

 27.4092, 0.3504,
0.3275


 74.9108, 0.3395,
0.3281

 17.8808, 0.3562,
0.3272


 98.3315, 0.3372,
0.3283

 10.8644, 0.3641,
0.3266


126.1861, 0.3352,
0.3283

 5.9758, 0.3756,
0.3256

158.8592, 0.3336,
0.3284

 2.8303, 0.3937,
0.3238

196.7351, 0.3321,
0.3285

 1.0438, 0.4269,
0.3202

240.1983, 0.3309,

 0.0000, 1.0000,

0.3285

0.0000

289.6331, 0.3298,
0.3286

0.0000, 0.0000,
0.0000

39.8341, 0.3459,
0.3278

39.8341, 0.3459,
0.3278

32.8868, 0.3711,
0.3271

47.9615, 0.3257,
0.3285

27.0598, 0.4021,
0.3264

57.3145, 0.3096,
0.3291

22.2959, 0.4397,
0.3259

67.9430, 0.2966,
0.3297

18.5312, 0.4831,
0.3255

79.8922, 0.2861,
0.3303

15.6944, 0.5301,
0.3256

90.4778, 0.2784,
0.3289

■ 13.7052, 0.5754,
0.3262

■ 12.4695, 0.6118,
0.3273

■ 11.8498, 0.6339,
0.3285

■ 11.7500, 0.6373,
0.3284

Harmonies

Analogous

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



39.8341, 0.3298, 0.3115



39.8341, 0.3459, 0.3278



39.8341, 0.3529, 0.3449

Triad

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



39.8341, 0.3459, 0.3278



39.8341, 0.3150, 0.3608



39.8341, 0.2778, 0.2989

Complementary

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



39.8341, 0.3459, 0.3278



51.0049, 0.2868, 0.3302

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.



39.8341, 0.2742, 0.3111



39.8341, 0.3459, 0.3278



39.8341, 0.2953, 0.3474

Square

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



39.8341, 0.3459, 0.3278



39.8341, 0.3346, 0.3648



39.8341, 0.2805, 0.3289



39.8341, 0.2905, 0.2950

Rectangle

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



39.8341, 0.3459, 0.3278



39.8341, 0.3512, 0.3547



39.8341, 0.2805, 0.3289



39.8341, 0.2755, 0.3022

Sweetspot

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



39.8359, 0.3459, 0.3278



91.3608, 0.3208, 0.3287



41.0578, 0.3137, 0.2851



19.3051, 0.3221, 0.3286



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.



39.8359, 0.3459, 0.3278



67.5537, 0.3540, 0.3276



45.8899, 0.3432, 0.3501



10.0824, 0.3285, 0.3284



7.5507, 0.6365, 0.3280



0.3279, 0.6236, 0.3209

Inverse Universe

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



39.8359, 0.3459, 0.3278



67.5537, 0.3540, 0.3276



44.0746, 0.2850, 0.3070



10.0824, 0.3285, 0.3284



7.5507, 0.6365, 0.3280



0.3279, 0.6236, 0.3209

Previews

White Background



This preview shows how the Yxy color 39.8341, 0.3459, 0.3278 looks on a white background.

Color Contrast Check

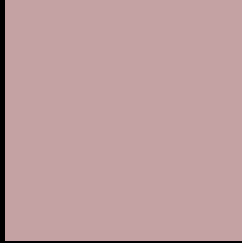
Large Text (above 18pt) WCAG AA × Fail

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 39.8341, 0.3459, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

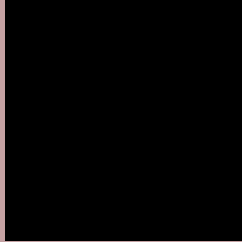
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8341, 0.3459, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 39.8341, 0.3459, 0.3278.



This preview shows how white text looks on a background with the Yxy color 39.8341, 0.3459, 0.3278.

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

39.8341, 0.3459, 0.3278

Protanopia

40.0133, 0.3189, 0.3332

Deuteranopia

39.9429, 0.3393, 0.3331



Tritanopia

39.6451, 0.3377, 0.3123

Trichromacy



Original Color

39.8341, 0.3459, 0.3278

Protanomaly

39.8128, 0.3277, 0.3304

Deuteranomaly

39.9741, 0.3425, 0.3317

Tritanomaly

39.8391, 0.3413, 0.3187

Monochromacy



Original Color

39.8341, 0.3459, 0.3278

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.6562, 0.3248, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8341, 0.3459, 0.3278 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(196, 161, 162)` looks like.

```
.text, #text, p{  
    color:rgb(196, 161, 162)  
}
```

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(196, 161, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 161, 162) }
```

Border

The CSS property to change the border of an element to Yxy 39.8341, 0.3459, 0.3278 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(196, 161, 162) }
```

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

```
.border{ border-color:rgb(196, 161, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 161, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 161, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 161, 162);  
box-shadow:4px 4px 4px 4px rgb(196, 161,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8341, 0.3459, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 161, 162) }
```

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

```
.background{ background-color: rgb(196,  
161, 162) }
```

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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