

Converting Colors

$Yxy(39.3115, 0.3625, 0.3233)$

Have a look what the booklet for
Yxy(39.3115, 0.3625, 0.3233)
contains.

Yxy(39.3558, 0.3623, 0.3241)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3558, 0.3623, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	D09B9F
RGB	208, 155, 159
RGB Percent	82%, 61%, 62%
CMY	0.1843, 0.3922, 0.3764
CMYK	0.00, 0.25, 0.24, 0.18
HSL	355°, 36%, 71%
HSV	355°, 25%, 82%
XYZ	43.9945, 39.3558, 38.0808
YIQ	171.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

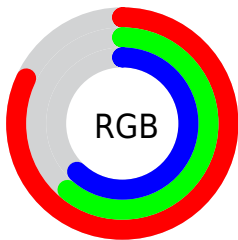
Format	Color
R_{YB}	208, 155, 159
Decimal	13671327
CIE _{Lab}	69.01, 20.36, 5.65
CIE _{LCh}	69, 21.129, 15.523
Yxy	39.3558, 0.3623, 0.3241
Android (android.graphics.Color)	4291861407 (0xFFD09B9F)
YUV	171.3030, -6.0654, 32.1833
Hunter-Lab	62.7342, 15.3943, 7.9239

Details

The Yxy color **39.3558, 0.3623, 0.3241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4459, 0.2780, 0.3341**, and the grayscale version is **40.9060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2082, 0.3440, 0.3250**, and **17.5555, 0.3781, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **32.4036, 0.3905, 0.3221**, and if you desaturate by 10%, it is **47.6081, 0.3395, 0.3261**.

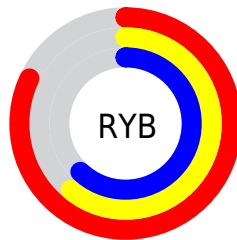
Distribution



Red (82%)

Green (61%)

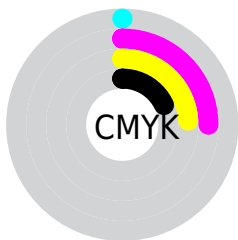
Blue (62%)



Red (82%)

Yellow (61%)

Blue (62%)

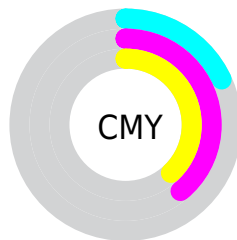


Cyan (0%)

Magenta (25%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.3558, 0.3623, 0.3241 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 39.3558, 0.3623, 0.3241 by changing the saturation by 10% instead.

 39.3558, 0.3623,
0.3241


 39.3558, 0.3623,
0.3241

343.4008, 0.3366,
0.3270

 27.0366, 0.3690,
0.3232


 74.1815, 0.3528,
0.3253

 17.6007, 0.3778,
0.3220


 97.4569, 0.3492,
0.3257

 10.6637, 0.3897,
0.3203


125.1531, 0.3463,
0.3260

 5.8412, 0.4071,
0.3175

157.6546, 0.3438,
0.3262

 2.7488, 0.4342,
0.3125

195.3457, 0.3416,
0.3265

 1.0020, 0.4860,
0.3043

238.6109, 0.3397,

 0.0000, 1.0000,

0.3267

0.0000

287.8344, 0.3381,
0.3268

0.0000, 0.0000,
0.0000

39.3558, 0.3623,
0.3241

39.3558, 0.3623,
0.3241

32.4036, 0.3905,
0.3221

47.6081, 0.3395,
0.3261

26.6801, 0.4248,
0.3203

57.2162, 0.3212,
0.3280

22.1154, 0.4653,
0.3190

68.2393, 0.3065,
0.3298

18.6304, 0.5102,
0.3185

80.7314, 0.2946,
0.3314

16.1360, 0.5558,
0.3192

92.1516, 0.2849,
0.3289

■ 14.5290, 0.5959,
0.3215

■ 13.6831, 0.6242,
0.3249

■ 13.4482, 0.6328,
0.3260

Harmonies

Analogous

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



39.3558, 0.3360, 0.3003



39.3558, 0.3623, 0.3241



39.3558, 0.3747, 0.3501

Triad

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



39.3558, 0.3623, 0.3241



39.3558, 0.3187, 0.3804



39.3558, 0.2584, 0.2840

Complementary

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



39.3558, 0.3623, 0.3241



56.4459, 0.2780, 0.3341

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.



39.3558, 0.2545, 0.3030



39.3558, 0.3623, 0.3241



39.3558, 0.2883, 0.3603

Square

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



39.3558, 0.3623, 0.3241



39.3558, 0.3486, 0.3843



39.3558, 0.2651, 0.3311



39.3558, 0.2762, 0.2775

Rectangle

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



39.3558, 0.3623, 0.3241



39.3558, 0.3731, 0.3657



39.3558, 0.2651, 0.3311



39.3558, 0.2555, 0.2890

Sweetspot

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



39.3576, 0.3623, 0.3241



86.5122, 0.3256, 0.3275



40.7773, 0.3116, 0.2653



18.0093, 0.3283, 0.3272



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.



39.3576, 0.3623, 0.3241



55.6653, 0.3782, 0.3229



47.2572, 0.3597, 0.3565



11.8225, 0.3279, 0.3273



8.3861, 0.6311, 0.3250



0.4741, 0.6040, 0.3101

Inverse Universe

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



39.3576, 0.3623, 0.3241



55.6653, 0.3782, 0.3229



46.6087, 0.2730, 0.2997



11.8225, 0.3279, 0.3273



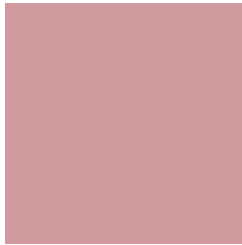
8.3861, 0.6311, 0.3250



0.4741, 0.6040, 0.3101

Previews

White Background



This preview shows how the Yxy color 39.3558, 0.3623, 0.3241 looks on a white background.

Color Contrast Check

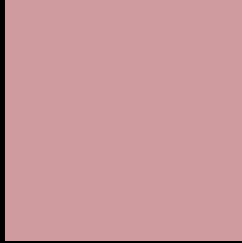
Large Text (above 18pt) WCAG AA × Fail

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 39.3558, 0.3623, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

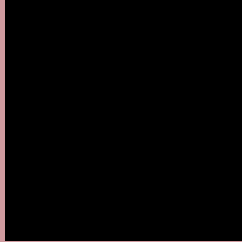
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3558, 0.3623, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 39.3558, 0.3623, 0.3241.



This preview shows how white text looks on a background with the Yxy color 39.3558, 0.3623, 0.3241.

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

39.3558, 0.3623, 0.3241

Protanopia

39.5291, 0.3181, 0.3318

Deuteranopia

39.4818, 0.3424, 0.3358



Tritanopia

39.4197, 0.3565, 0.3142

Trichromacy



Original Color

39.3558, 0.3623, 0.3241

Protanomaly

39.1530, 0.3338, 0.3291

Deuteranomaly

39.3460, 0.3500, 0.3317

Tritanomaly

39.3109, 0.3595, 0.3179

Monochromacy



Original Color

39.3558, 0.3623, 0.3241

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8906, 0.3289, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3558, 0.3623, 0.3241 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(208, 155, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 155, 159)  
}
```

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(208, 155, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 155, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.3558, 0.3623, 0.3241 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(208, 155, 159) }
```

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

```
.border{ border-color:rgb(208, 155, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 155, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 155, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 155, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 155,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3558, 0.3623, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 155, 159) }
```

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

```
.background{ background-color: rgb(208,  
155, 159) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor