

Converting Colors

$Yxy(39.8324, 0.3523, 0.3099)$

Have a look what the booklet for
Yxy(39.8324, 0.3523, 0.3099)
contains.

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Color

Yxy(39.9003, 0.3523, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	D19BAA
RGB	209, 155, 170
RGB Percent	82%, 61%, 67%
CMY	0.1803, 0.3921, 0.3334
CMYK	0.00, 0.26, 0.19, 0.18
HSL	343°, 37%, 71%
HSV	343°, 26%, 82%
XYZ	45.2717, 39.9003, 43.3313
YIQ	172.8560, 27.3690, 16.1130

Conversions

Conversions Part 2

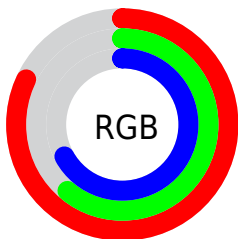
Format	Color
R_{YB}	209, 155, 170
Decimal	13736874
CIE _{Lab}	69.40, 22.38, 0.13
CIE _{LCh}	69, 22.384, 0.328
Yxy	39.9003, 0.3523, 0.3105
Android (android.graphics.Color)	4291926954 (0xFFD19BAA)
YUV	172.8560, -1.4080, 31.6983
Hunter-Lab	63.1667, 17.3898, 3.5447

Details

The Yxy color **39.9003, 0.3523, 0.3105** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.4727, 0.2842, 0.3484**, and the grayscale version is **41.7095, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7894, 0.3359, 0.3140**, and **17.8785, 0.3648, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **32.9975, 0.3741, 0.3030**, and if you desaturate by 10%, it is **48.0765, 0.3344, 0.3180**.

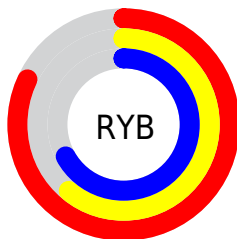
Distribution



Red (82%)

Green (61%)

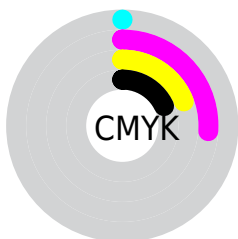
Blue (67%)



Red (82%)

Yellow (61%)

Blue (67%)

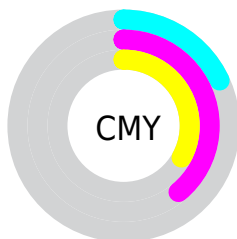


Cyan (0%)

Magenta (26%)

Yellow (19%)

Black (18%)



Cyan (18%)


Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9003, 0.3523, 0.3105 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 39.9003, 0.3523, 0.3105 by changing the saturation by 10% instead.


 39.9003, 0.3523,
0.3105

 39.9003, 0.3523,
0.3105

345.7032, 0.3320,
0.3200

 27.4608, 0.3575,
0.3080


 75.0117, 0.3448,
0.3140

 17.9196, 0.3644,
0.3048


 98.4523, 0.3420,
0.3153

 10.8923, 0.3737,
0.3005


126.3289, 0.3397,
0.3164

 5.9945, 0.3870,
0.2942

159.0257, 0.3377,
0.3173

 2.8417, 0.4077,
0.2845

196.9271, 0.3360,
0.3182

 1.0497, 0.4441,
0.2674

240.4176, 0.3345,

 0.0000, 1.0000,

0.3189

0.0000

289.8814, 0.3332,
0.3195

0.0000, 0.0000,
0.0000

39.9003, 0.3523,
0.3105

39.9003, 0.3523,
0.3105

32.9975, 0.3741,
0.3030

48.0765, 0.3344,
0.3180

27.2985, 0.4003,
0.2958

57.5804, 0.3199,
0.3251

22.7351, 0.4312,
0.2898

68.4697, 0.3081,
0.3317

19.2302, 0.4662,
0.2858

80.7969, 0.2985,
0.3378

16.6969, 0.5038,
0.2851

91.7010, 0.2905,
0.3388

■ 15.0345, 0.5409,
0.2887

■ 92.2970, 0.2855,
0.3289

■ 14.1184, 0.5739,
0.2965

■ 13.8618, 0.5862,
0.3003

Harmonies

Analogous

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



39.9003, 0.3203, 0.2888



39.9003, 0.3523, 0.3105



39.9003, 0.3737, 0.3373

Triad

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



39.9003, 0.3523, 0.3105



39.9003, 0.3356, 0.3877



39.9003, 0.2516, 0.2901

Complementary

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



39.9003, 0.3523, 0.3105



56.4727, 0.2842, 0.3484

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.



39.9003, 0.2552, 0.3157



39.9003, 0.3523, 0.3105



39.9003, 0.3026, 0.3747

Square

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



39.9003, 0.3523, 0.3105



39.9003, 0.3633, 0.3826



39.9003, 0.2735, 0.3473



39.9003, 0.2631, 0.2765

Rectangle

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



39.9003, 0.3523, 0.3105



39.9003, 0.3785, 0.3552



39.9003, 0.2735, 0.3473



39.9003, 0.2511, 0.2975

Sweetspot

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



39.9021, 0.3523, 0.3105



86.7542, 0.3229, 0.3235



39.4788, 0.3018, 0.2624



18.0698, 0.3250, 0.3224



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.



39.9021, 0.3523, 0.3105



56.3618, 0.3638, 0.3063



43.4533, 0.3637, 0.3438



11.8613, 0.3248, 0.3226



8.5602, 0.5825, 0.2982



0.4922, 0.5291, 0.2688

Inverse Universe

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



39.9021, 0.3523, 0.3105



56.3618, 0.3638, 0.3063



51.6464, 0.2737, 0.3137



11.8613, 0.3248, 0.3226



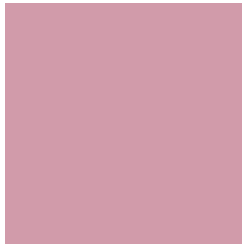
8.5602, 0.5825, 0.2982



0.4922, 0.5291, 0.2688

Previews

White Background



This preview shows how the Yxy color 39.9003, 0.3523, 0.3105 looks on a white background.

Color Contrast Check

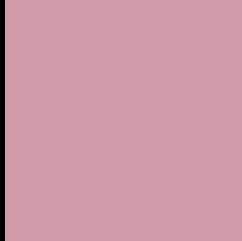
Large Text (above 18pt) WCAG AA × Fail

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 39.9003, 0.3523, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

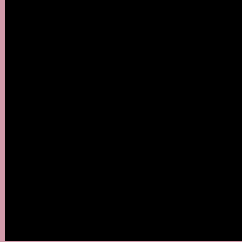
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9003, 0.3523, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 39.9003, 0.3523, 0.3105.



This preview shows how white text looks on a background with the Yxy color 39.9003, 0.3523, 0.3105.

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

39.9003, 0.3523, 0.3105

Protanopia

40.1363, 0.3061, 0.3166

Deuteranopia

39.9429, 0.3310, 0.3237



Tritanopia

39.7880, 0.3552, 0.3142

Trichromacy



Original Color

39.9003, 0.3523, 0.3105

Protanomaly

39.8364, 0.3218, 0.3144

Deuteranomaly

39.9564, 0.3383, 0.3187

Tritanomaly

39.8252, 0.3542, 0.3129

Monochromacy



Original Color

39.9003, 0.3523, 0.3105

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.6901, 0.3262, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9003, 0.3523, 0.3105 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(209, 155, 170)` looks like.

```
.text, #text, p{  
    color:rgb(209, 155, 170)  
}
```

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(209, 155, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 155, 170) }
```

Border

The CSS property to change the border of an element to Yxy 39.9003, 0.3523, 0.3105 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(209, 155, 170) }
```

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

```
.border{ border-color:rgb(209, 155, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 155, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 155, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 155, 170);  
box-shadow:4px 4px 4px 4px rgb(209, 155,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9003, 0.3523, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 155, 170) }
```

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

```
.background{ background-color: rgb(209,  
155, 170) }
```

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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