

Converting Colors

$Yxy(39.5553, 0.3407, 0.3052)$

Have a look what the booklet for
Yxy(39.5553, 0.3407, 0.3052)
contains.

Yxy(39.5686, 0.3412, 0.3051)	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(39.5686, 0.3412, 0.3051)

Conversions

Conversions Part 1

Format	Color
Hex	CB9CAF
RGB	203, 156, 175
RGB Percent	80%, 61%, 69%
CMY	0.2040, 0.3882, 0.3137
CMYK	0.00, 0.23, 0.14, 0.20
HSL	336°, 31%, 70%
HSV	336°, 23%, 80%
XYZ	44.2504, 39.5686, 45.8716
YIQ	172.2190, 21.9130, 15.8730

Conversions

Conversions Part 2

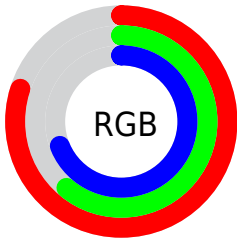
Format	Color
R_{YB}	203, 156, 175
Decimal	13343919
CIE _{Lab}	69.16, 20.45, -3.10
CIE _{LCh}	69, 20.682, 351.376
Yxy	39.5686, 0.3412, 0.3051
Android (android.graphics.Color)	4291533999 (0xFFCB9CAF)
YUV	172.2190, 1.3710, 26.9949
Hunter-Lab	62.9036, 15.4871, 0.7961

Details

The Yxy color **39.5686, 0.3412, 0.3051** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2273, 0.2909, 0.3543**, and the grayscale version is **41.3567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.5617, 0.3322, 0.3100**, and **17.6266, 0.3491, 0.2967** is the 20% darker color. If you saturate the color by 10%, you get **32.8635, 0.3580, 0.2942**, and if you desaturate by 10%, it is **47.4580, 0.3273, 0.3158**.

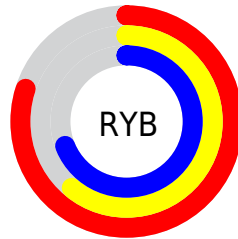
Distribution



Red (80%)

Green (61%)

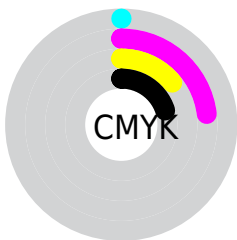
Blue (69%)



Red (80%)

Yellow (61%)

Blue (69%)

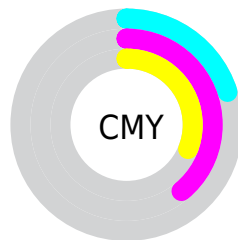


Cyan (0%)

Magenta (23%)

Yellow (14%)

Black (20%)



Cyan (20%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.5686, 0.3412, 0.3051 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 39.5686, 0.3412, 0.3051 by changing the saturation by 10% instead.


 39.5686, 0.3412,
0.3051


 39.5686, 0.3412,
0.3051


344.3019, 0.3267,
0.3172

 27.2023, 0.3449,
0.3020


 74.5061, 0.3358,
0.3095

 17.7253, 0.3498,
0.2981


 97.8462, 0.3339,
0.3112

 10.7529, 0.3564,
0.2927


125.6130, 0.3322,
0.3126

 5.9009, 0.3657,
0.2852

158.1910, 0.3308,
0.3138

 2.7849, 0.3802,
0.2737

195.9644, 0.3295,
0.3148

 1.0205, 0.4055,
0.2541

239.3178, 0.3284,


 0.0000, 0.7803,


0.3157


0.0000


288.6355, 0.3275,
0.3165


 0.0000, 0.0000,
0.0000


 39.5686, 0.3412,
0.3051

 39.5686, 0.3412,
0.3051

 32.8635, 0.3580,
0.2942


 47.4580, 0.3273,
0.3158

 27.2797, 0.3780,
0.2835


 56.5800, 0.3159,
0.3259

 22.7566, 0.4016,
0.2739

 66.9867, 0.3065,
0.3354

 19.2253, 0.4284,
0.2662

 78.7256, 0.2988,
0.3442

 16.6091, 0.4578,
0.2619

 90.2358, 0.2924,
0.3497

■ 14.8196, 0.4884,
0.2620

■ 90.9599, 0.2860,
0.3368

■ 13.7505, 0.5182,
0.2675

■ 91.4325, 0.2821,
0.3289

■ 13.3039, 0.5375,
0.2734

Harmonies

Analogous

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



39.5686, 0.3105, 0.2871



39.5686, 0.3412, 0.3051



39.5686, 0.3648, 0.3292

Triad

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



39.5686, 0.3412, 0.3051



39.5686, 0.3426, 0.3835



39.5686, 0.2554, 0.2991

Complementary

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



39.5686, 0.3412, 0.3051



53.2273, 0.2909, 0.3543

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.



39.5686, 0.2630, 0.3253



39.5686, 0.3412, 0.3051



39.5686, 0.3126, 0.3764

Square

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



39.5686, 0.3412, 0.3051



39.5686, 0.3652, 0.3747



39.5686, 0.2836, 0.3544



39.5686, 0.2620, 0.2828

Rectangle

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



39.5686, 0.3412, 0.3051



39.5686, 0.3726, 0.3462



39.5686, 0.2836, 0.3544



39.5686, 0.2563, 0.3070

Sweetspot

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



39.5704, 0.3412, 0.3051



88.4697, 0.3201, 0.3220



38.2096, 0.2976, 0.2688



18.7341, 0.3208, 0.3214



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.



39.5704, 0.3412, 0.3051



60.1535, 0.3496, 0.2994



40.2100, 0.3588, 0.3341



11.2877, 0.3228, 0.3197



8.4862, 0.5339, 0.2715



0.4527, 0.4827, 0.2433

Inverse Universe

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



39.5704, 0.3412, 0.3051



60.1535, 0.3496, 0.2994



52.2537, 0.2784, 0.3238



11.2877, 0.3228, 0.3197



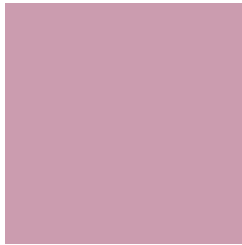
8.4862, 0.5339, 0.2715



0.4527, 0.4827, 0.2433

Previews

White Background



This preview shows how the Yxy color 39.5686, 0.3412, 0.3051 looks on a white background.

Color Contrast Check

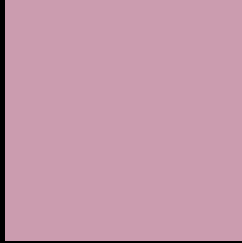
Large Text (above 18pt) WCAG AA × Fail

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 39.5686, 0.3412, 0.3051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

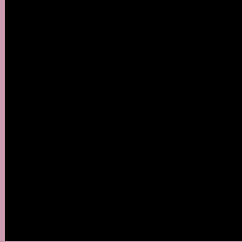
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5686, 0.3412, 0.3051

Background



This preview shows how black text looks on a background with the Yxy color 39.5686, 0.3412, 0.3051.



This preview shows how white text looks on a background with the Yxy color 39.5686, 0.3412, 0.3051.

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

39.5686, 0.3412, 0.3051

Protanopia

39.7075, 0.3011, 0.3098

Deuteranopia

39.6742, 0.3218, 0.3157



Tritanopia

39.5351, 0.3459, 0.3138

Trichromacy



Original Color

39.5686, 0.3412, 0.3051

Protanomaly

39.6293, 0.3155, 0.3090

Deuteranomaly

39.4929, 0.3288, 0.3120

Tritanomaly

39.6108, 0.3439, 0.3113

Monochromacy



Original Color

39.5686, 0.3412, 0.3051

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.3568, 0.3225, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5686, 0.3412, 0.3051 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(203, 156, 175)` looks like.

```
.text, #text, p{  
    color:rgb(203, 156, 175)  
}
```

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(203, 156, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 156, 175) }
```

Border

The CSS property to change the border of an element to Yxy 39.5686, 0.3412, 0.3051 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(203, 156, 175) }
```

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

```
.border{ border-color:rgb(203, 156, 175) }
```

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

Here you see how a box with a 4 pixel rgb(203, 156, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 156, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 156, 175);  
box-shadow:4px 4px 4px 4px rgb(203, 156,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5686, 0.3412, 0.3051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 156, 175) }
```

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

```
.background{ background-color: rgb(203,  
156, 175) }
```

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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