

Converting Colors

$Yxy(39.8225, 0.3449, 0.3020)$

Have a look what the booklet for
Yxy(39.8225, 0.3449, 0.3020)
contains.

Yxy(39.9872, 0.3454, 0.3031)	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(39.9872, 0.3454, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	D09BB0
RGB	208, 155, 176
RGB Percent	82%, 61%, 69%
CMY	0.1843, 0.3921, 0.3099
CMYK	0.00, 0.25, 0.15, 0.18
HSL	336°, 36%, 71%
HSV	336°, 25%, 82%
XYZ	45.5677, 39.9872, 46.3725
YIQ	173.2410, 24.8470, 17.7670

Conversions

Conversions Part 2

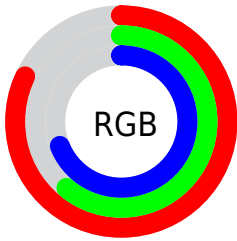
Format	Color
R_{YB}	208, 155, 176
Decimal	13671344
CIE _{Lab}	69.46, 22.97, -3.13
CIE _{LCh}	69, 23.178, 352.241
Yxy	39.9872, 0.3454, 0.3031
Android (android.graphics.Color)	4291861424 (0xFFD09BB0)
YUV	173.2410, 1.3602, 30.4836
Hunter-Lab	63.2354, 17.9659, 0.7856

Details

The Yxy color **39.9872, 0.3454, 0.3031** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.6720, 0.2885, 0.3566**, and the grayscale version is **41.9023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1794, 0.3308, 0.3070**, and **17.9280, 0.3548, 0.2942** is the 20% darker color. If you saturate the color by 10%, you get **33.1765, 0.3633, 0.2924**, and if you desaturate by 10%, it is **48.0402, 0.3306, 0.3137**.

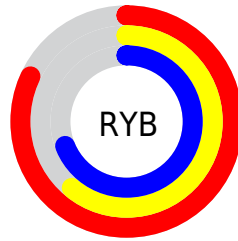
Distribution



Red (82%)

Green (61%)

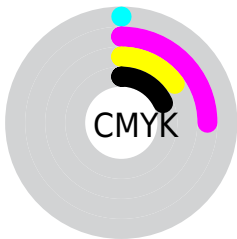
Blue (69%)



Red (82%)

Yellow (61%)

Blue (69%)

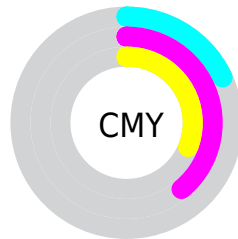


Cyan (0%)

Magenta (25%)

Yellow (15%)

Black (18%)



Cyan (18%)


Magenta (39%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9872, 0.3454, 0.3031 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 39.9872, 0.3454, 0.3031 by changing the saturation by 10% instead.


 39.9872, 0.3454,
0.3031


 39.9872, 0.3454,
0.3031


346.0696, 0.3287,
0.3162

 27.5286, 0.3497,
0.2998


 75.1440, 0.3393,
0.3079

 17.9706, 0.3552,
0.2955


 98.6110, 0.3370,
0.3097

 10.9289, 0.3627,
0.2898


126.5162, 0.3351,
0.3112

 6.0190, 0.3734,
0.2817

159.2441, 0.3334,
0.3125

 2.8567, 0.3898,
0.2695

197.1789, 0.3320,
0.3136

 1.0574, 0.4182,
0.2488

240.7052, 0.3308,

 0.0000, 0.7662,

0.3146

0.0000

290.2073, 0.3297,
0.3154

■ 0.0000, 0.0000,
0.0000

■ 39.9872, 0.3454,
0.3031

■ 39.9872, 0.3454,
0.3031

■ 33.1765, 0.3633,
0.2924

■ 48.0402, 0.3306,
0.3137

■ 27.5402, 0.3845,
0.2821

■ 57.3879, 0.3184,
0.3237

■ 23.0123, 0.4094,
0.2731

■ 68.0864, 0.3084,
0.3332

■ 19.5179, 0.4375,
0.2663

■ 80.1869, 0.3003,
0.3419

■ 16.9729, 0.4680,
0.2632

■ 91.1526, 0.2934,
0.3459

■ 15.2795, 0.4992,
0.2648

■ 91.9213, 0.2868,
0.3326

■ 14.3181, 0.5289,
0.2717

■ 92.1502, 0.2849,
0.3289

■ 14.0233, 0.5416,
0.2757

Harmonies

Analogous

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



39.9872, 0.3111, 0.2829



39.9872, 0.3454, 0.3031



39.9872, 0.3715, 0.3298

Triad

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



39.9872, 0.3454, 0.3031



39.9872, 0.3449, 0.3901



39.9872, 0.2490, 0.2948

Complementary

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



39.9872, 0.3454, 0.3031



55.6720, 0.2885, 0.3566

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.



39.9872, 0.2570, 0.3237



39.9872, 0.3454, 0.3031



39.9872, 0.3114, 0.3818

Square

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



39.9872, 0.3454, 0.3031



39.9872, 0.3707, 0.3803



39.9872, 0.2794, 0.3566



39.9872, 0.2568, 0.2772

Rectangle

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



39.9872, 0.3454, 0.3031



39.9872, 0.3799, 0.3486



39.9872, 0.2794, 0.3566



39.9872, 0.2499, 0.3034

Sweetspot

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



39.9890, 0.3454, 0.3031



86.8989, 0.3214, 0.3212



38.5400, 0.2965, 0.2623



18.1061, 0.3232, 0.3196



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.



39.9890, 0.3454, 0.3031



56.8064, 0.3555, 0.2968



41.0256, 0.3647, 0.3358



11.8846, 0.3229, 0.3198



8.7577, 0.5380, 0.2737



0.5051, 0.4892, 0.2468

Inverse Universe

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



39.9890, 0.3454, 0.3031



56.8064, 0.3555, 0.2968



54.0952, 0.2750, 0.3221



11.8846, 0.3229, 0.3198



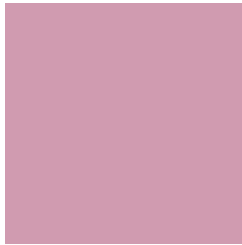
8.7577, 0.5380, 0.2737



0.5051, 0.4892, 0.2468

Previews

White Background



This preview shows how the Yxy color 39.9872, 0.3454, 0.3031 looks on a white background.

Color Contrast Check

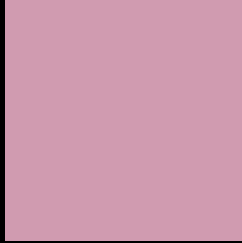
Large Text (above 18pt) WCAG AA × Fail

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 39.9872, 0.3454, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

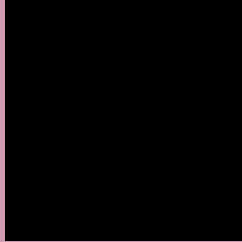
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9872, 0.3454, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 39.9872, 0.3454, 0.3031.



This preview shows how white text looks on a background with the Yxy color 39.9872, 0.3454, 0.3031.

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

39.9872, 0.3454, 0.3031

Protanopia

40.2716, 0.3003, 0.3085

Deuteranopia

40.1566, 0.3226, 0.3170



Tritanopia

39.8695, 0.3520, 0.3141

Trichromacy



Original Color

39.9872, 0.3454, 0.3031

Protanomaly

39.9544, 0.3156, 0.3065

Deuteranomaly

39.9223, 0.3307, 0.3109

Tritanomaly

39.9826, 0.3491, 0.3104

Monochromacy



Original Color

39.9872, 0.3454, 0.3031

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7675, 0.3244, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9872, 0.3454, 0.3031 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(208, 155, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 155, 176) }
```

Border

The CSS property to change the border of an element to Yxy 39.9872, 0.3454, 0.3031 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, 176) }
```

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

```
.border{ border-color:rgb(208, 155, 176) }
```

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, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 155, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 155, 176);  
box-shadow:4px 4px 4px 4px rgb(208, 155,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9872, 0.3454, 0.3031 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, 176) }
```

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

```
.background{ background-color: rgb(208,  
155, 176) }
```

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