

Converting Colors

$Yxy(32.2255, 0.3872, 0.3305)$

Have a look what the booklet for
Yxy(32.2255, 0.3872, 0.3305)
contains.

Yxy(32.2255, 0.3872, 0.3305)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(32.2255, 0.3872, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	CA8988
RGB	202, 137, 136
RGB Percent	79%, 54%, 53%
CMY	0.2077, 0.4628, 0.4666
CMYK	0.00, 0.32, 0.33, 0.21
HSL	1°, 38%, 66%
HSV	1°, 33%, 79%
XYZ	37.7541, 32.2255, 27.5257
YIQ	156.3210, 39.0610, 13.4690

Conversions

Conversions Part 2

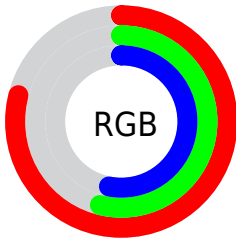
Format	Color
R _Y B	202, 137, 136
Decimal	13273480
CIE Lab	63.53, 24.75, 10.66
CIE LCh	64, 26.947, 23.298
Yxy	32.2255, 0.3872, 0.3305
Android (android.graphics.Color)	4291463560 (0xFFCA8988)
YUV	156.3210, -10.0183, 40.0605
Hunter-Lab	56.7675, 19.3709, 10.9884

Details

The Yxy color **32.2255, 0.3872, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.2999, 0.2664, 0.3275**, and the grayscale version is **33.4304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1957, 0.3678, 0.3312**, and **13.4385, 0.4132, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **26.5599, 0.4222, 0.3310**, and if you desaturate by 10%, it is **39.0462, 0.3586, 0.3300**.

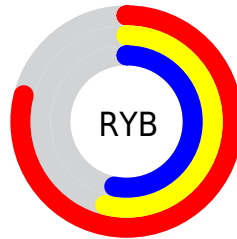
Distribution



Red (79%)

Green (54%)

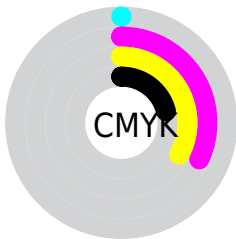
Blue (53%)



Red (79%)

Yellow (54%)

Blue (53%)

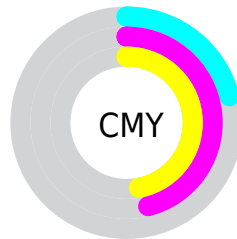


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.2255, 0.3872, 0.3305 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 32.2255, 0.3872, 0.3305 by changing the saturation by 10% instead.


 32.2255, 0.3872,
0.3305


 32.2255, 0.3872,
0.3305


312.1452, 0.3473,
0.3306

 21.5338, 0.3981,
0.3301


 63.1644, 0.3720,
0.3308

 13.5147, 0.4126,
0.3293

 84.1805, 0.3665,
0.3308

 7.7839, 0.4330,
0.3278


 109.4067, 0.3620,
0.3308

 3.9570, 0.4633,
0.3245

139.2276, 0.3581,
0.3308

 1.6495, 0.5131,
0.3168

174.0275, 0.3548,
0.3308

 0.3907, 0.7155,
0.2845


214.1908, 0.3520,


 0.0000, 0.0000,


0.3307

0.0000


260.1019, 0.3495,
0.3307

 32.2255, 0.3872,
0.3305


 32.2255, 0.3872,
0.3305


 26.5599, 0.4222,
0.3310


 39.0462, 0.3586,
0.3300


 21.9813, 0.4636,
0.3314


 47.0760, 0.3355,
0.3295


 18.4213, 0.5100,
0.3317

 56.3713, 0.3170,
0.3291

 15.8023, 0.5572,
0.3317

 66.9833, 0.3022,
0.3287

 14.0351, 0.5986,
0.3315

 78.9606, 0.2903,
0.3284

■ 13.0139, 0.6270,
0.3309

■ 91.3013, 0.2816,
0.3289

■ 12.6264, 0.6391,
0.3307

Harmonies

Analogous

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



32.2255, 0.3548, 0.2979



32.2255, 0.3872, 0.3305



32.2255, 0.3978, 0.3647

Triad

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



32.2255, 0.3872, 0.3305



32.2255, 0.3090, 0.3952



32.2255, 0.2444, 0.2643

Complementary

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



32.2255, 0.3872, 0.3305



51.2999, 0.2664, 0.3275

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.



32.2255, 0.2343, 0.2848



32.2255, 0.3872, 0.3305



32.2255, 0.2698, 0.3623

Square

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



32.2255, 0.3872, 0.3305



32.2255, 0.3509, 0.4059



32.2255, 0.2431, 0.3203



32.2255, 0.2718, 0.2609

Rectangle

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



32.2255, 0.3872, 0.3305



32.2255, 0.3911, 0.3848



32.2255, 0.2431, 0.3203



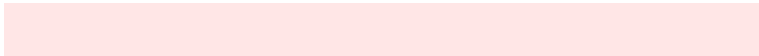
32.2255, 0.2389, 0.2692

Sweetspot

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



32.2270, 0.3872, 0.3305



83.4709, 0.3304, 0.3294



34.4380, 0.3165, 0.2486



17.4076, 0.3332, 0.3295



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.



32.2270, 0.3872, 0.3305



47.7674, 0.4105, 0.3308



42.7231, 0.3739, 0.3715



11.2398, 0.3290, 0.3294



8.1334, 0.6388, 0.3309



0.4291, 0.6346, 0.3343

Inverse Universe

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



51.2999, 0.2664, 0.3275



84.8258, 0.2583, 0.3272



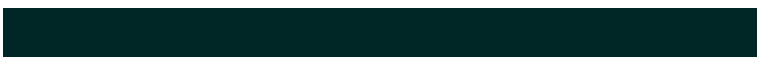
37.8848, 0.2608, 0.2822



12.6974, 0.2984, 0.3286



29.0423, 0.2234, 0.3243



1.5076, 0.2237, 0.3252

Previews

White Background



This preview shows how the Yxy color 32.2255, 0.3872, 0.3305 looks on a white background.

Color Contrast Check

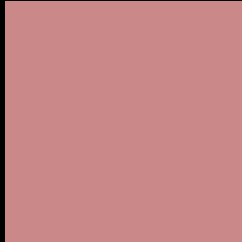
Large Text (above 18pt) WCAG AA × Fail

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 32.2255, 0.3872, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

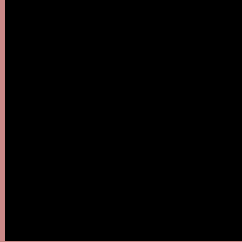
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.2255, 0.3872, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 32.2255, 0.3872, 0.3305.



This preview shows how white text looks on a background with the Yxy color 32.2255, 0.3872, 0.3305.

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

32.2255, 0.3872, 0.3305

Protanopia

32.5265, 0.3262, 0.3427

Deuteranopia

32.1311, 0.3567, 0.3494



Tritanopia

32.0998, 0.3775, 0.3149

Trichromacy



Original Color

32.2255, 0.3872, 0.3305

Protanomaly

32.2468, 0.3473, 0.3378

Deuteranomaly

32.0101, 0.3668, 0.3418

Tritanomaly

32.2578, 0.3817, 0.3214

Monochromacy



Original Color

32.2255, 0.3872, 0.3305

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

32.5491, 0.3377, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.2255, 0.3872, 0.3305 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(202, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(202, 137, 136)  
}
```

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(202, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 137, 136) }
```

Border

The CSS property to change the border of an element to Yxy 32.2255, 0.3872, 0.3305 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(202, 137, 136) }
```

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

```
.border{ border-color:rgb(202, 137, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(202, 137,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 32.2255, 0.3872, 0.3305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 137, 136) }
```

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

```
.background{ background-color: rgb(202,  
137, 136) }
```

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