

Converting Colors

$Y_{xy}(34.0472, 0.3870, 0.3370)$

Have a look what the booklet for
Yxy(34.0472, 0.3870, 0.3370)
contains.

Yxy(33.9609, 0.3872, 0.3370)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.9609, 0.3872, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CC8E88
RGB	204, 142, 136
RGB Percent	80%, 56%, 53%
CMY	0.2000, 0.4431, 0.4666
CMYK	0.00, 0.30, 0.33, 0.20
HSL	5°, 40%, 67%
HSV	5°, 33%, 80%
XYZ	39.0198, 33.9609, 27.7935
YIQ	159.8540, 38.8780, 11.2780

Conversions

Conversions Part 2

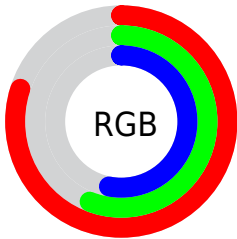
Format	Color
RYB	204, 143, 136
Decimal	13405832
CIELab	64.93, 22.77, 12.67
CIElCh	65, 26.053, 29.093
Yxy	33.9609, 0.3872, 0.3370
Android (android.graphics.Color)	4291595912 (0xFFCC8E88)
YUV	159.8540, -11.7600, 38.7160
Hunter-Lab	58.2760, 17.5350, 12.5161

Details

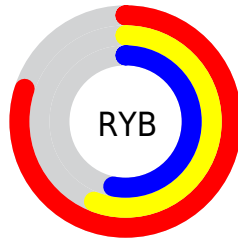
The Yxy color **33.9609, 0.3872, 0.3370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.9864, 0.2647, 0.3208**, and the grayscale version is **35.1259, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4140, 0.3665, 0.3364**, and **14.4500, 0.4125, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **28.3554, 0.4209, 0.3394**, and if you desaturate by 10%, it is **40.6037, 0.3593, 0.3345**.

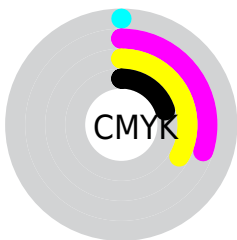
Distribution



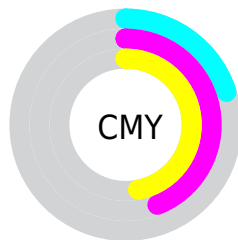
- Red (80%)
- Green (56%)
- Blue (53%)



- Red (80%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9609, 0.3872, 0.3370 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 33.9609, 0.3872, 0.3370 by changing the saturation by 10% instead.


 33.9609, 0.3872,
0.3370


 33.9609, 0.3872,
0.3370


319.9577, 0.3476,
0.3338

 22.8636, 0.3979,
0.3375


 65.8729, 0.3722,
0.3361

 14.4928, 0.4120,
0.3378


 87.4563, 0.3668,
0.3356

 8.4642, 0.4317,
0.3378


 113.3038, 0.3623,
0.3353

 4.3934, 0.4607,
0.3368

143.7999, 0.3584,
0.3349

 1.8960, 0.5072,
0.3325

179.3290, 0.3551,
0.3346

 0.5460, 0.6677,
0.3323

220.2754, 0.3523,

 0.0000, 1.0000,

0.3343

0.0000

267.0235, 0.3498,
0.3341

0.0000, 0.0000,
0.0000

33.9609, 0.3872,
0.3370

33.9609, 0.3872,
0.3370

28.3554, 0.4209,
0.3394

40.6037, 0.3593,
0.3345

23.7303, 0.4605,
0.3414

48.3274, 0.3365,
0.3320

20.0305, 0.5047,
0.3426


57.1789, 0.3181,
0.3297

17.1936, 0.5500,
0.3424


67.2010, 0.3031,
0.3276

15.1496, 0.5909,
0.3405

78.4343, 0.2909,
0.3257

 13.8171, 0.6209,
0.3370

 90.6957, 0.2826,
0.3275

 13.2700, 0.6339,
0.3349

 91.5778, 0.2827,
0.3289

Harmonies

Analogous

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



33.9609, 0.3599, 0.3050



33.9609, 0.3872, 0.3370



33.9609, 0.3928, 0.3691

Triad

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



33.9609, 0.3872, 0.3370



33.9609, 0.3016, 0.3870



33.9609, 0.2514, 0.2655

Complementary

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



33.9609, 0.3872, 0.3370



49.9864, 0.2647, 0.3208

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.



33.9609, 0.2384, 0.2820



33.9609, 0.3872, 0.3370



33.9609, 0.2659, 0.3531

Square

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



33.9609, 0.3872, 0.3370



33.9609, 0.3418, 0.4018



33.9609, 0.2434, 0.3135



33.9609, 0.2805, 0.2652

Rectangle

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



33.9609, 0.3872, 0.3370



33.9609, 0.3836, 0.3869



33.9609, 0.2434, 0.3135



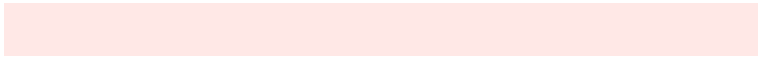
33.9609, 0.2452, 0.2692

Sweetspot

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



33.9625, 0.3872, 0.3370



84.5168, 0.3302, 0.3313



34.5411, 0.3220, 0.2531



17.6580, 0.3330, 0.3316



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.



33.9625, 0.3872, 0.3370



49.3984, 0.4108, 0.3388



45.5377, 0.3732, 0.3793



11.3700, 0.3288, 0.3311



8.4109, 0.6326, 0.3359



0.4901, 0.6101, 0.3538

Inverse Universe

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



49.9864, 0.2647, 0.3208



79.9077, 0.2559, 0.3187



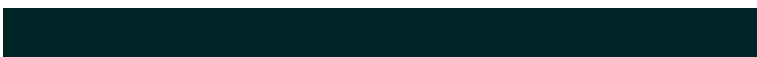
36.2671, 0.2586, 0.2727



12.5512, 0.2983, 0.3269



24.9208, 0.2171, 0.3014



1.3364, 0.2187, 0.3072

Previews

White Background



This preview shows how the Yxy color 33.9609, 0.3872, 0.3370 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 33.9609, 0.3872, 0.3370 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 33.9609, 0.3872, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 33.9609, 0.3872, 0.3370.



This preview shows how white text looks on a background with the Yxy color 33.9609, 0.3872, 0.3370.

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

33.9609, 0.3872, 0.3370

Protanopia

34.0201, 0.3318, 0.3483

Deuteranopia

34.1228, 0.3618, 0.3545



Tritanopia

33.9373, 0.3734, 0.3163

Trichromacy



Original Color

33.9609, 0.3872, 0.3370

Protanomaly

33.9633, 0.3515, 0.3447

Deuteranomaly

33.8762, 0.3708, 0.3470

Tritanomaly

34.0732, 0.3786, 0.3240

Monochromacy



Original Color

33.9609, 0.3872, 0.3370

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.2469, 0.3381, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9609, 0.3872, 0.3370 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(204, 142, 136)` looks like.

```
.text, #text, p{  
    color:rgb(204, 142, 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(204, 142, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 142, 136) }
```

Border

The CSS property to change the border of an element to Yxy 33.9609, 0.3872, 0.3370 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(204, 142, 136) }
```

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

```
.border{ border-color:rgb(204, 142, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 142, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 142, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 142, 136);  
box-shadow:4px 4px 4px 4px rgb(204, 142,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9609, 0.3872, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 142, 136) }
```

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

```
.background{ background-color: rgb(204,  
142, 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](#).

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