

Converting Colors

$Yxy(34.8053, 0.3846, 0.3375)$

Have a look what the booklet for
Yxy(34.8053, 0.3846, 0.3375)
contains.

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Color

Yxy(34.7606, 0.3852, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CD908A
RGB	205, 144, 138
RGB Percent	80%, 56%, 54%
CMY	0.1962, 0.4352, 0.4589
CMYK	0.00, 0.30, 0.33, 0.20
HSL	5°, 40%, 67%
HSV	5°, 33%, 80%
XYZ	39.7323, 34.7606, 28.6543
YIQ	161.5550, 38.2820, 11.0660

Conversions

Conversions Part 2

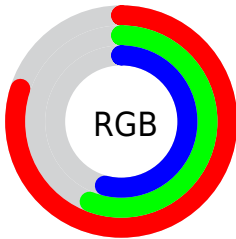
Format	Color
RYB	205, 145, 138
Decimal	13471882
CIELab	65.56, 22.30, 12.46
CIELCh	66, 25.541, 29.193
Yxy	34.7606, 0.3852, 0.3370
Android (android.graphics.Color)	4291661962 (0xFFCD908A)
YUV	161.5550, -11.6126, 38.1013
Hunter-Lab	58.9581, 17.1157, 12.4551

Details

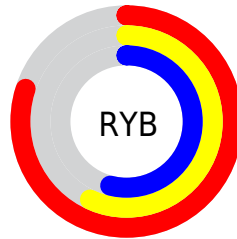
The Yxy color **34.7606, 0.3852, 0.3370** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.6318, 0.2655, 0.3208**, and the grayscale version is **35.9545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4098, 0.3643, 0.3364**, and **14.9228, 0.4093, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **29.0316, 0.4185, 0.3395**, and if you desaturate by 10%, it is **41.5385, 0.3577, 0.3344**.

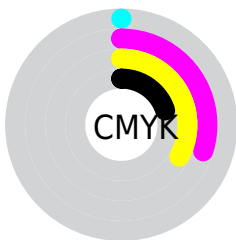
Distribution



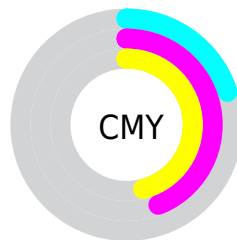
- Red (80%)
- Green (56%)
- Blue (54%)



- Red (80%)
- Yellow (57%)
- Blue (54%)



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





- Cyan (20%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7606, 0.3852, 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 34.7606, 0.3852, 0.3370 by changing the saturation by 10% instead.

 34.7606, 0.3852,
0.3370


 34.7606, 0.3852,
0.3370


323.5104, 0.3468,
0.3338

 23.4785, 0.3955,
0.3375


 67.1147, 0.3707,
0.3360

 14.9472, 0.4091,
0.3379


 88.9556, 0.3655,
0.3356

 8.7824, 0.4280,
0.3380


 115.0848, 0.3611,
0.3352

 4.5995, 0.4557,
0.3372

145.8868, 0.3573,
0.3349

 2.0143, 0.4999,
0.3336

181.7459, 0.3541,
0.3346

 0.6157, 0.6539,
0.3461

223.0467, 0.3514,

 0.0000, 1.0000,

0.3343

0.0000

270.1733, 0.3489,
0.3340

0.0000, 0.0000,
0.0000

34.7606, 0.3852,
0.3370

34.7606, 0.3852,
0.3370

29.0316, 0.4185,
0.3395

41.5385, 0.3577,
0.3344

24.2943, 0.4577,
0.3415

49.4089, 0.3352,
0.3319

20.4939, 0.5016,
0.3428

58.4187, 0.3170,
0.3296

17.5680, 0.5470,
0.3427

68.6110, 0.3022,
0.3274

15.4466, 0.5883,
0.3409

80.0262, 0.2901,
0.3255

■ 14.0491, 0.6192,
0.3375

■ 91.7161, 0.2832,
0.3289

■ 13.4236, 0.6337,
0.3350

Harmonies

Analogous

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



34.7606, 0.3587, 0.3058



34.7606, 0.3852, 0.3370



34.7606, 0.3906, 0.3683

Triad

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



34.7606, 0.3852, 0.3370



34.7606, 0.3018, 0.3852



34.7606, 0.2531, 0.2671

Complementary

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



34.7606, 0.3852, 0.3370



50.6318, 0.2655, 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.



34.7606, 0.2403, 0.2833



34.7606, 0.3852, 0.3370



34.7606, 0.2670, 0.3523

Square

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



34.7606, 0.3852, 0.3370



34.7606, 0.3410, 0.3997



34.7606, 0.2451, 0.3139



34.7606, 0.2815, 0.2668

Rectangle

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



34.7606, 0.3852, 0.3370



34.7606, 0.3816, 0.3855



34.7606, 0.2451, 0.3139



34.7606, 0.2469, 0.2707

Sweetspot

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



34.7623, 0.3852, 0.3370



84.5433, 0.3302, 0.3313



35.2910, 0.3218, 0.2546



17.6643, 0.3329, 0.3317



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.



34.7623, 0.3852, 0.3370



50.3763, 0.4072, 0.3387



46.2807, 0.3718, 0.3783



11.3733, 0.3288, 0.3311



8.4194, 0.6324, 0.3361



0.4916, 0.6095, 0.3542

Inverse Universe

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



50.6318, 0.2655, 0.3208



80.1834, 0.2570, 0.3188



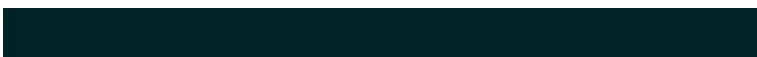
37.0448, 0.2597, 0.2740



12.5476, 0.2983, 0.3268



24.8222, 0.2169, 0.3008



1.3323, 0.2185, 0.3067

Previews

White Background



This preview shows how the Yxy color 34.7606, 0.3852, 0.3370 looks on a white background.

Color Contrast Check

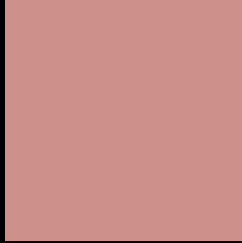
Large Text (above 18pt) WCAG AA × Fail

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 34.7606, 0.3852, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

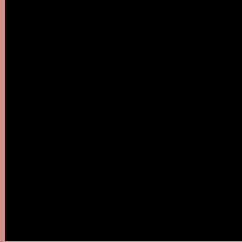
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7606, 0.3852, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 34.7606, 0.3852, 0.3370.



This preview shows how white text looks on a background with the Yxy color 34.7606, 0.3852, 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

34.7606, 0.3852, 0.3370

Protanopia

34.9786, 0.3315, 0.3481

Deuteranopia

34.9561, 0.3601, 0.3543



Tritanopia

34.7677, 0.3705, 0.3151

Trichromacy



Original Color

34.7606, 0.3852, 0.3370

Protanomaly

34.7977, 0.3499, 0.3446

Deuteranomaly

34.6952, 0.3690, 0.3469

Tritanomaly

34.9049, 0.3756, 0.3228

Monochromacy



Original Color

34.7606, 0.3852, 0.3370

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.2076, 0.3378, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7606, 0.3852, 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(205, 144, 138)` looks like.

```
.text, #text, p{  
    color:rgb(205, 144, 138)  
}
```

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(205, 144, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 144, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.7606, 0.3852, 0.3370 is called "border". The border property can be set on classes, ids or directly on the HTML element.

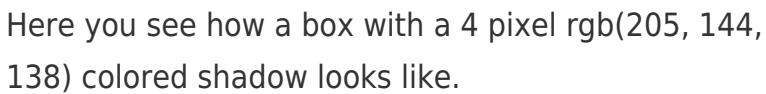
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 144, 138) }
```

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

```
.border{ border-color:rgb(205, 144, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 144, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 144, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 144, 138); box-shadow:4px 4px 4px 4px rgb(205, 144, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7606, 0.3852, 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(205, 144, 138) }
```

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

```
.background{ background-color: rgb(205,  
144, 138) }
```

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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