

Converting Colors

Yxy(34.7391, 0.3868, 0.3353)

Have a look what the booklet for
Yxy(34.7391, 0.3868, 0.3353)
contains.

Yxy(34.7453, 0.3878, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.7453, 0.3878, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	CF8F8A
RGB	207, 143, 138
RGB Percent	81%, 56%, 54%
CMY	0.1881, 0.4393, 0.4588
CMYK	0.00, 0.31, 0.33, 0.19
HSL	4°, 42%, 68%
HSV	4°, 33%, 81%
XYZ	40.1497, 34.7453, 28.6369
YIQ	161.5660, 39.7490, 12.0130

Conversions

Conversions Part 2

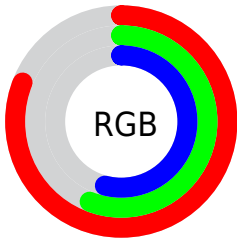
Format	Color
R_{YB}	207, 143, 138
Decimal	13602698
CIE _{Lab}	65.55, 23.65, 12.46
CIE _{LCh}	66, 26.736, 27.785
Yxy	34.7453, 0.3878, 0.3356
Android (android.graphics.Color)	4291792778 (0xFFCF8F8A)
YUV	161.5660, -11.6180, 39.8456
Hunter-Lab	58.9451, 18.4288, 12.4571

Details

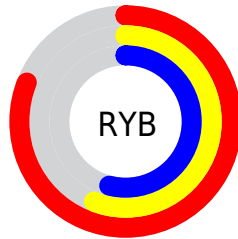
The Yxy color **34.7453, 0.3878, 0.3356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1766, 0.2648, 0.3222**, and the grayscale version is **35.9606, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9541, 0.3646, 0.3354**, and **14.9382, 0.4130, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **28.9219, 0.4220, 0.3376**, and if you desaturate by 10%, it is **41.6738, 0.3596, 0.3335**.

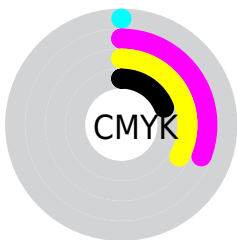
Distribution



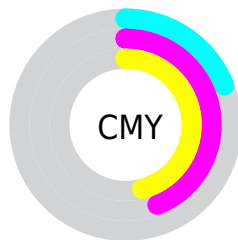
- Red (81%)
- Green (56%)
- Blue (54%)



- Red (81%)
- Yellow (56%)
- Blue (54%)



- Cyan (0%)
- Magenta (31%)
- Yellow (33%)
- Black (19%)




- Cyan (19%)
- Magenta (44%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.7453, 0.3878, 0.3356 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 34.7453, 0.3878, 0.3356 by changing the saturation by 10% instead.


 34.7453, 0.3878,
0.3356


 34.7453, 0.3878,
0.3356


323.4427, 0.3480,
0.3332

 23.4667, 0.3985,
0.3359


 67.0910, 0.3728,
0.3350

 14.9385, 0.4126,
0.3360


 88.9269, 0.3673,
0.3346

 8.7763, 0.4321,
0.3356


 115.0508, 0.3628,
0.3343

 4.5955, 0.4608,
0.3342

145.8470, 0.3589,
0.3341

 2.0120, 0.5064,
0.3293

181.6999, 0.3556,
0.3338

 0.6144, 0.6620,
0.3380

222.9938, 0.3528,

 0.0000, 1.0000,

0.3336


0.0000

270.1133, 0.3502,
0.3334


 0.0000, 0.0000,
0.0000


 34.7453, 0.3878,
0.3356


 34.7453, 0.3878,
0.3356


 28.9219, 0.4220,
0.3376


 41.6738, 0.3596,
0.3335

 24.1418, 0.4621,
0.3392


 49.7552, 0.3366,
0.3315


 20.3447, 0.5069,
0.3401

 59.0405, 0.3181,
0.3296

 17.4623, 0.5527,
0.3399

 69.5760, 0.3031,
0.3279

 15.4172, 0.5936,
0.3383

 81.4059, 0.2909,
0.3263

■ 14.1195, 0.6230,
0.3354

■ 92.0105, 0.2844,
0.3289

■ 13.6106, 0.6353,
0.3337

Harmonies

Analogous

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



34.7453, 0.3591, 0.3033



34.7453, 0.3878, 0.3356



34.7453, 0.3945, 0.3684

Triad

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



34.7453, 0.3878, 0.3356



34.7453, 0.3031, 0.3893



34.7453, 0.2494, 0.2648

Complementary

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



34.7453, 0.3878, 0.3356



52.1766, 0.2648, 0.3222

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.



34.7453, 0.2369, 0.2823



34.7453, 0.3878, 0.3356



34.7453, 0.2664, 0.3553

Square

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



34.7453, 0.3878, 0.3356



34.7453, 0.3440, 0.4033



34.7453, 0.2428, 0.3149



34.7453, 0.2783, 0.2638

Rectangle

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



34.7453, 0.3878, 0.3356



34.7453, 0.3858, 0.3869



34.7453, 0.2428, 0.3149



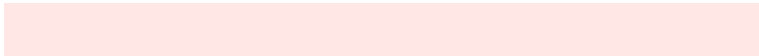
34.7453, 0.2433, 0.2687

Sweetspot

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



34.7470, 0.3878, 0.3356



84.2877, 0.3302, 0.3309



35.7340, 0.3209, 0.2518



17.6031, 0.3330, 0.3311



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.



34.7470, 0.3878, 0.3356



48.8271, 0.4116, 0.3370



46.5984, 0.3737, 0.3780



11.9433, 0.3289, 0.3307



8.6243, 0.6342, 0.3346



0.5312, 0.6163, 0.3489

Inverse Universe

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



52.1766, 0.2648, 0.3222



80.9049, 0.2561, 0.3206



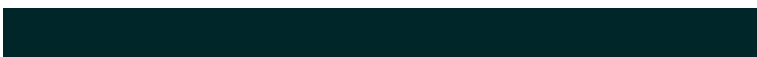
37.8857, 0.2588, 0.2743



13.2549, 0.2983, 0.3273



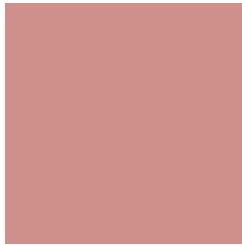
26.6667, 0.2185, 0.3065



1.5357, 0.2197, 0.3109

Previews

White Background



This preview shows how the Yxy color 34.7453, 0.3878, 0.3356 looks on a white background.

Color Contrast Check

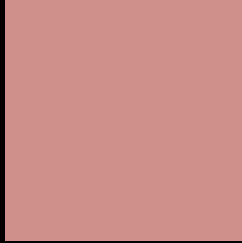
Large Text (above 18pt) WCAG AA × Fail

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 34.7453, 0.3878, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

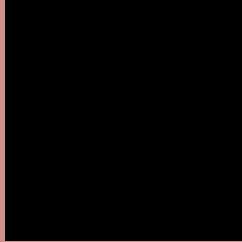
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7453, 0.3878, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 34.7453, 0.3878, 0.3356.



This preview shows how white text looks on a background with the Yxy color 34.7453, 0.3878, 0.3356.

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

34.7453, 0.3878, 0.3356

Protanopia

34.9786, 0.3315, 0.3481

Deuteranopia

34.9561, 0.3601, 0.3543



Tritanopia

34.7266, 0.3740, 0.3152

Trichromacy



Original Color

34.7453, 0.3878, 0.3356

Protanomaly

34.5894, 0.3513, 0.3432

Deuteranomaly

34.8253, 0.3701, 0.3468

Tritanomaly

34.8625, 0.3792, 0.3228

Monochromacy



Original Color

34.7453, 0.3878, 0.3356

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 34.7453, 0.3878, 0.3356 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(207, 143, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 143, 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(207, 143, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 143, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.7453, 0.3878, 0.3356 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(207, 143, 138) }
```

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

```
.border{ border-color:rgb(207, 143, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 143, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 143, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 143, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 143,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7453, 0.3878, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 143, 138) }
```

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

```
.background{ background-color: rgb(207,  
143, 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](#).

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