

Converting Colors

$Yxy(33.7349, 0.3748, 0.3305)$

Have a look what the booklet for
Yxy(33.7349, 0.3748, 0.3305)
contains.

Yxy(33.7400, 0.3748, 0.3305)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.7400, 0.3748, 0.3305)

Conversions

Conversions Part 1

Format	Color
Hex	C78F8E
RGB	199, 143, 142
RGB Percent	78%, 56%, 56%
CMY	0.2195, 0.4392, 0.4432
CMYK	0.00, 0.28, 0.29, 0.22
HSL	1°, 34%, 67%
HSV	1°, 29%, 78%
XYZ	38.2625, 33.7400, 30.0853
YIQ	159.6300, 33.6970, 11.5610

Conversions

Conversions Part 2

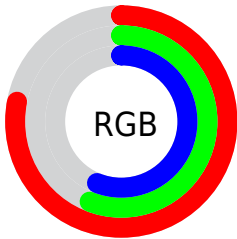
Format	Color
R _Y B	199, 143, 142
Decimal	13078414
CIE Lab	64.76, 21.10, 8.97
CIE LCh	65, 22.931, 23.025
Yxy	33.7400, 0.3748, 0.3305
Android (android.graphics.Color)	4291268494 (0xFFC78F8E)
YUV	159.6300, -8.6916, 34.5275
Hunter-Lab	58.0861, 15.9307, 9.9515

Details

The Yxy color **33.7400, 0.3748, 0.3305** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2750, 0.2714, 0.3275**, and the grayscale version is **35.0049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1780, 0.3605, 0.3302**, and **14.3563, 0.3959, 0.3292** is the 20% darker color. If you saturate the color by 10%, you get **27.8283, 0.4071, 0.3311**, and if you desaturate by 10%, it is **40.7848, 0.3486, 0.3299**.

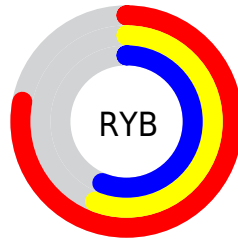
Distribution



Red (78%)

Green (56%)

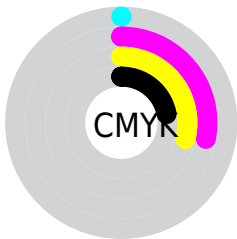
Blue (56%)



Red (78%)

Yellow (56%)

Blue (56%)

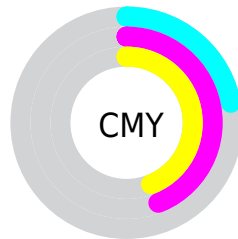


Cyan (0%)

Magenta (28%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (44%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.7400, 0.3748, 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 33.7400, 0.3748, 0.3305 by changing the saturation by 10% instead.

 33.7400, 0.3748,
0.3305


 33.7400, 0.3748,
0.3305


318.9712, 0.3418,
0.3304


 22.6939, 0.3837,
0.3303


 65.5291, 0.3623,
0.3306

 14.3677, 0.3956,
0.3298


 87.0410, 0.3578,
0.3306

 8.3768, 0.4121,
0.3289


 112.8103, 0.3540,
0.3306

 4.3370, 0.4367,
0.3269

143.2213, 0.3508,
0.3305

 1.8638, 0.4768,
0.3221

178.6585, 0.3481,
0.3305

 0.5265, 0.6613,
0.3387

219.5063, 0.3457,

 0.0000, 0.0000,

0.3305


0.0000

266.1490, 0.3436,
0.3304

 33.7400, 0.3748,
0.3305


 33.7400, 0.3748,
0.3305


 27.8283, 0.4071,
0.3311


 40.7848, 0.3486,
0.3299


 22.9863, 0.4458,
0.3316


 49.0126, 0.3275,
0.3294


 19.1514, 0.4904,
0.3320

 58.4758, 0.3107,
0.3289

 16.2526, 0.5378,
0.3321

 69.2225, 0.2971,
0.3285

 14.2100, 0.5824,
0.3319

 81.2982, 0.2861,
0.3281

■ 12.9298, 0.6170,
0.3314

■ 90.8854, 0.2800,
0.3289

■ 12.2840, 0.6368,
0.3309

■ 12.2210, 0.6389,
0.3309

Harmonies

Analogous

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



33.7400, 0.3478, 0.3026



33.7400, 0.3748, 0.3305



33.7400, 0.3840, 0.3596

Triad

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



33.7400, 0.3748, 0.3305



33.7400, 0.3103, 0.3840



33.7400, 0.2547, 0.2745

Complementary

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



33.7400, 0.3748, 0.3305



50.2750, 0.2714, 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.



33.7400, 0.2462, 0.2924



33.7400, 0.3748, 0.3305



33.7400, 0.2770, 0.3570

Square

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



33.7400, 0.3748, 0.3305



33.7400, 0.3455, 0.3931



33.7400, 0.2541, 0.3225



33.7400, 0.2781, 0.2711

Rectangle

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



33.7400, 0.3748, 0.3305



33.7400, 0.3787, 0.3763



33.7400, 0.2541, 0.3225



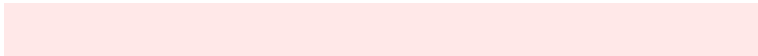
33.7400, 0.2501, 0.2789

Sweetspot

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



33.7416, 0.3748, 0.3305



85.0569, 0.3284, 0.3294



35.5710, 0.3169, 0.2595



17.7252, 0.3313, 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.



33.7416, 0.3748, 0.3305



52.7794, 0.3929, 0.3308



43.3984, 0.3646, 0.3672



10.6661, 0.3289, 0.3295



7.8697, 0.6386, 0.3311



0.3833, 0.6333, 0.3353

Inverse Universe

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



50.2750, 0.2714, 0.3275



86.1335, 0.2642, 0.3272



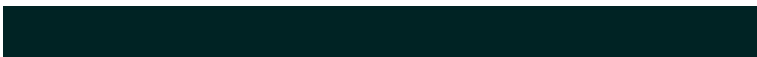
38.4598, 0.2672, 0.2874



12.0345, 0.2984, 0.3286



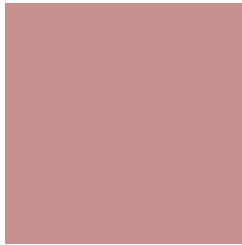
27.9125, 0.2232, 0.3235



1.3320, 0.2235, 0.3246

Previews

White Background



This preview shows how the Yxy color 33.7400, 0.3748, 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 33.7400, 0.3748, 0.3305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

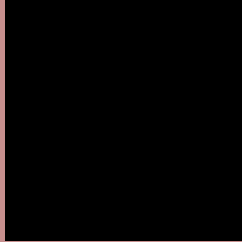
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7400, 0.3748, 0.3305

Background



This preview shows how black text looks on a background with the Yxy color 33.7400, 0.3748, 0.3305.



This preview shows how white text looks on a background with the Yxy color 33.7400, 0.3748, 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

33.7400, 0.3748, 0.3305

Protanopia

33.9653, 0.3250, 0.3409

Deuteranopia

33.9336, 0.3525, 0.3462



Tritanopia

33.5961, 0.3655, 0.3147

Trichromacy



Original Color

33.7400, 0.3748, 0.3305

Protanomaly

33.6458, 0.3422, 0.3377

Deuteranomaly

33.8571, 0.3598, 0.3402

Tritanomaly

33.7635, 0.3696, 0.3213

Monochromacy



Original Color

33.7400, 0.3748, 0.3305

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.4098, 0.3339, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7400, 0.3748, 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(199, 143, 142)` looks like.

```
.text, #text, p{  
    color:rgb(199, 143, 142)  
}
```

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(199, 143, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 143, 142) }
```

Border

The CSS property to change the border of an element to Yxy 33.7400, 0.3748, 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(199, 143, 142) }
```

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

```
.border{ border-color:rgb(199, 143, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 143, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 143, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 143, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 143,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7400, 0.3748, 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(199, 143, 142) }
```

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

```
.background{ background-color: rgb(199,  
143, 142) }
```

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