

Converting Colors

$Yxy(33.6953, 0.3868, 0.3382)$

Have a look what the booklet for
Yxy(33.6953, 0.3868, 0.3382)
contains.

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Color

Yxy(33.7918, 0.3872, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	CB8E87
RGB	203, 142, 135
RGB Percent	80%, 56%, 53%
CMY	0.2039, 0.4431, 0.4704
CMYK	0.00, 0.30, 0.33, 0.20
HSL	6°, 40%, 66%
HSV	6°, 33%, 80%
XYZ	38.6763, 33.7918, 27.4190
YIQ	159.4410, 38.6030, 10.7550

Conversions

Conversions Part 2

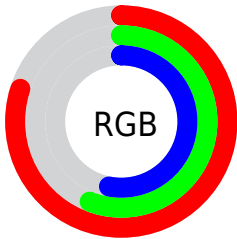
Format	Color
R _Y B	203, 143, 135
Decimal	13340295
CIE Lab	64.80, 22.25, 13.01
CIE LCh	65, 25.775, 30.309
Yxy	33.7918, 0.3872, 0.3383
Android (android.graphics.Color)	4291530375 (0xFFCB8E87)
YUV	159.4410, -12.0494, 38.2012
Hunter-Lab	58.1307, 17.0332, 12.7257

Details

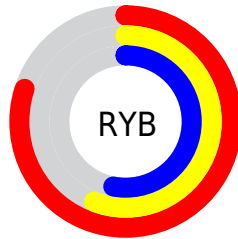
The Yxy color **33.7918, 0.3872, 0.3383** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9597, 0.2644, 0.3194**, and the grayscale version is **34.9283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.3707, 0.3673, 0.3375**, and **14.3411, 0.4126, 0.3398** is the 20% darker color. If you saturate the color by 10%, you get **28.2892, 0.4206, 0.3411**, and if you desaturate by 10%, it is **40.2928, 0.3594, 0.3354**.

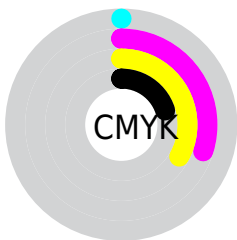
Distribution



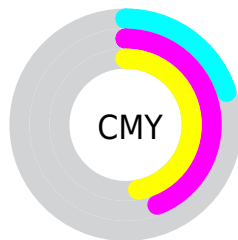
- Red (80%)
- Green (56%)
- Blue (53%)



- 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 33.7918, 0.3872, 0.3383 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 33.7918, 0.3872, 0.3383 by changing the saturation by 10% instead.


 33.7918, 0.3872,
0.3383


 33.7918, 0.3872,
0.3383


319.2027, 0.3476,
0.3344


 22.7337, 0.3979,
0.3389


 65.6098, 0.3722,
0.3371

 14.3970, 0.4121,
0.3395


 87.1384, 0.3668,
0.3366

 8.3973, 0.4318,
0.3398


 112.9261, 0.3622,
0.3361

 4.3502, 0.4609,
0.3392

143.3571, 0.3584,
0.3357

 1.8713, 0.5077,
0.3355

178.8158, 0.3551,
0.3354

 0.5311, 0.6673,
0.3327


219.6868, 0.3523,

 0.0000, 0.0000,


0.3350


0.0000


266.3543, 0.3498,
0.3347

 33.7918, 0.3872,
0.3383

 33.7918, 0.3872,
0.3383


 28.2892, 0.4206,
0.3411


 40.2928, 0.3594,
0.3354


 23.7309, 0.4598,
0.3434


 47.8330, 0.3368,
0.3326


 20.0650, 0.5035,
0.3448


 56.4571, 0.3183,
0.3299


 17.2329, 0.5484,
0.3446

 66.2056, 0.3033,
0.3274

 15.1686, 0.5891,
0.3425

 77.1169, 0.2910,
0.3252

 13.7964, 0.6192,
0.3385

 89.1089, 0.2819,
0.3251

 13.2254, 0.6325,
0.3360

 91.4361, 0.2822,
0.3289

Harmonies

Analogous

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



33.7918, 0.3609, 0.3065



33.7918, 0.3872, 0.3383



33.7918, 0.3918, 0.3700

Triad

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



33.7918, 0.3872, 0.3383



33.7918, 0.3001, 0.3854



33.7918, 0.2529, 0.2657

Complementary

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



33.7918, 0.3872, 0.3383



48.9597, 0.2644, 0.3194

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.



33.7918, 0.2392, 0.2815



33.7918, 0.3872, 0.3383



33.7918, 0.2651, 0.3513

Square

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



33.7918, 0.3872, 0.3383



33.7918, 0.3400, 0.4010



33.7918, 0.2434, 0.3122



33.7918, 0.2822, 0.2660

Rectangle

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



33.7918, 0.3872, 0.3383



33.7918, 0.3821, 0.3874



33.7918, 0.2434, 0.3122



33.7918, 0.2464, 0.2692

Sweetspot

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



33.7934, 0.3872, 0.3383



84.7224, 0.3301, 0.3316



34.0292, 0.3231, 0.2541



17.7072, 0.3329, 0.3320



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.



33.7934, 0.3872, 0.3383



49.9162, 0.4102, 0.3403



45.4240, 0.3730, 0.3808



11.3956, 0.3288, 0.3314



8.4806, 0.6310, 0.3371



0.5019, 0.6057, 0.3572

Inverse Universe

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



48.9597, 0.2644, 0.3194



79.0221, 0.2556, 0.3171



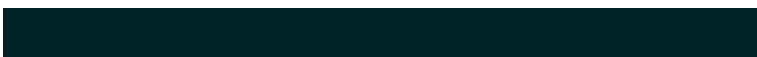
35.3844, 0.2582, 0.2708



12.5229, 0.2983, 0.3266



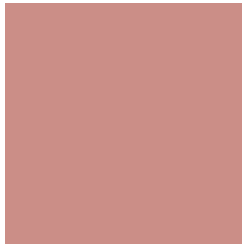
24.1632, 0.2158, 0.2967



1.3045, 0.2177, 0.3036

Previews

White Background



This preview shows how the Yxy color 33.7918, 0.3872, 0.3383 looks on a white background.

Color Contrast Check

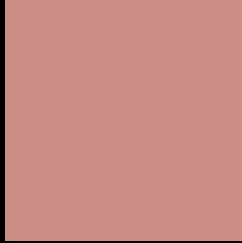
Large Text (above 18pt) WCAG AA × Fail

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 33.7918, 0.3872, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

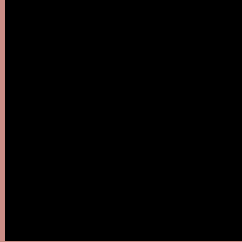
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7918, 0.3872, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 33.7918, 0.3872, 0.3383.



This preview shows how white text looks on a background with the Yxy color 33.7918, 0.3872, 0.3383.

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

33.7918, 0.3872, 0.3383

Protanopia

33.9896, 0.3327, 0.3498

Deuteranopia

33.9737, 0.3617, 0.3560



Tritanopia

33.9373, 0.3734, 0.3163

Trichromacy



Original Color

33.7918, 0.3872, 0.3383

Protanomaly

33.8149, 0.3514, 0.3462

Deuteranomaly

33.7199, 0.3708, 0.3485

Tritanomaly

33.9315, 0.3775, 0.3240

Monochromacy



Original Color

33.7918, 0.3872, 0.3383

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.0984, 0.3380, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7918, 0.3872, 0.3383 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(203, 142, 135)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 135)  
}
```

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(203, 142, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 135) }
```

Border

The CSS property to change the border of an element to Yxy 33.7918, 0.3872, 0.3383 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(203, 142, 135) }
```

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

```
.border{ border-color:rgb(203, 142, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 135);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7918, 0.3872, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 135) }
```

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

```
.background{ background-color: rgb(203,  
142, 135) }
```

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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