

Converting Colors

$Yxy(34.5303, 0.3871, 0.3345)$

Have a look what the booklet for
Yxy(34.5303, 0.3871, 0.3345)
contains.

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Color

Yxy(34.4464, 0.3882, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	CF8E8A
RGB	207, 142, 138
RGB Percent	81%, 56%, 54%
CMY	0.1883, 0.4431, 0.4589
CMYK	0.00, 0.31, 0.33, 0.19
HSL	4°, 42%, 68%
HSV	4°, 33%, 81%
XYZ	39.9883, 34.4464, 28.5749
YIQ	160.9790, 40.0240, 12.5360

Conversions

Conversions Part 2

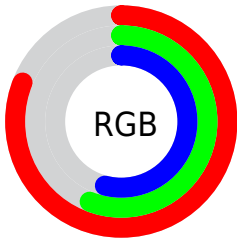
Format	Color
R_{YB}	207, 142, 138
Decimal	13602442
CIE _{Lab}	65.32, 24.16, 12.15
CIE _{LCh}	65, 27.044, 26.700
Yxy	34.4464, 0.3882, 0.3344
Android (android.graphics.Color)	4291792522 (0xFFCF8E8A)
YUV	160.9790, -11.3286, 40.3604
Hunter-Lab	58.6911, 18.9091, 12.2173

Details

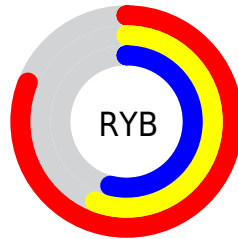
The Yxy color **34.4464, 0.3882, 0.3344** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.5913, 0.2650, 0.3235**, and the grayscale version is **35.6702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5014, 0.3648, 0.3343**, and **14.7661, 0.4137, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **28.6035, 0.4227, 0.3360**, and if you desaturate by 10%, it is **41.4205, 0.3598, 0.3327**.

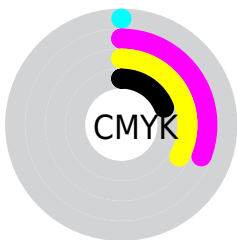
Distribution



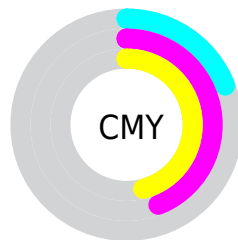
- Red (81%)
- Green (56%)
- Blue (54%)



- 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 34.4464, 0.3882, 0.3344 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 34.4464, 0.3882, 0.3344 by changing the saturation by 10% instead.


 34.4464, 0.3882,
0.3344


 34.4464, 0.3882,
0.3344


322.1180, 0.3482,
0.3326


 23.2367, 0.3989,
0.3345

 66.6273, 0.3731,
0.3340

 14.7684, 0.4132,
0.3344


 88.3673, 0.3676,
0.3338

 8.6570, 0.4329,
0.3338


 114.3861, 0.3630,
0.3335

 4.5182, 0.4620,
0.3318

145.0683, 0.3591,
0.3333

 1.9674, 0.5083,
0.3263

180.7982, 0.3558,
0.3331

 0.5884, 0.6688,
0.3312

221.9602, 0.3529,

 0.0000, 1.0000,

0.3329

0.0000

268.9386, 0.3504,
0.3327

0.0000, 0.0000,
0.0000

34.4464, 0.3882,
0.3344

34.4464, 0.3882,
0.3344

28.6035, 0.4227,
0.3360

41.4205, 0.3598,
0.3327

23.8275, 0.4633,
0.3374

49.5758, 0.3367,
0.3310

20.0555, 0.5085,
0.3381

58.9651, 0.3181,
0.3295

17.2157, 0.5547,
0.3379

69.6370, 0.3031,
0.3281

15.2270, 0.5956,
0.3366

81.6370, 0.2909,
0.3268

■ 13.9941, 0.6245,
0.3341

■ 92.0036, 0.2844,
0.3289

■ 13.5296, 0.6364,
0.3329

Harmonies

Analogous

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



34.4464, 0.3584, 0.3018



34.4464, 0.3882, 0.3344



34.4464, 0.3959, 0.3678

Triad

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



34.4464, 0.3882, 0.3344



34.4464, 0.3044, 0.3912



34.4464, 0.2478, 0.2642

Complementary

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



34.4464, 0.3882, 0.3344



52.5913, 0.2650, 0.3235

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.



34.4464, 0.2358, 0.2825



34.4464, 0.3882, 0.3344



34.4464, 0.2669, 0.3571

Square

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



34.4464, 0.3882, 0.3344



34.4464, 0.3458, 0.4045



34.4464, 0.2424, 0.3160



34.4464, 0.2765, 0.2627

Rectangle

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



34.4464, 0.3882, 0.3344



34.4464, 0.3875, 0.3868



34.4464, 0.2424, 0.3160



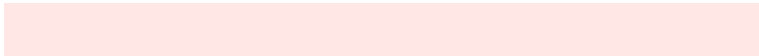
34.4464, 0.2418, 0.2684

Sweetspot

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



34.4480, 0.3882, 0.3344



84.0934, 0.3303, 0.3305



35.7699, 0.3198, 0.2506



17.5566, 0.3331, 0.3308



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.



34.4480, 0.3882, 0.3344



48.3474, 0.4122, 0.3356



46.1212, 0.3742, 0.3766



11.9177, 0.3289, 0.3304



8.5718, 0.6354, 0.3337



0.5192, 0.6205, 0.3455

Inverse Universe

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



52.5913, 0.2650, 0.3235



81.7594, 0.2564, 0.3222



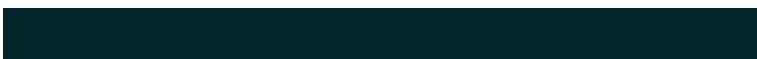
38.2920, 0.2590, 0.2760



13.2835, 0.2983, 0.3276



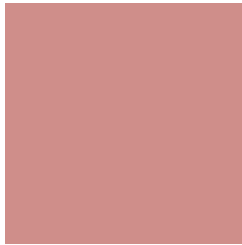
27.4432, 0.2197, 0.3108



1.5713, 0.2207, 0.3143

Previews

White Background



This preview shows how the Yxy color 34.4464, 0.3882, 0.3344 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 34.4464, 0.3882, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

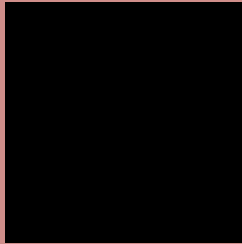
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4464, 0.3882, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 34.4464, 0.3882, 0.3344.



This preview shows how white text looks on a background with the Yxy color 34.4464, 0.3882, 0.3344.

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

34.4464, 0.3882, 0.3344

Protanopia

34.5284, 0.3307, 0.3467

Deuteranopia

34.5051, 0.3594, 0.3531



Tritanopia

34.4004, 0.3755, 0.3152

Trichromacy



Original Color

34.4464, 0.3882, 0.3344

Protanomaly

34.1429, 0.3505, 0.3418

Deuteranomaly

34.3774, 0.3694, 0.3455

Tritanomaly

34.5350, 0.3807, 0.3228

Monochromacy



Original Color

34.4464, 0.3882, 0.3344

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.8761, 0.3380, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4464, 0.3882, 0.3344 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, 142, 138)` looks like.

```
.text, #text, p{  
    color:rgb(207, 142, 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, 142, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 142, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.4464, 0.3882, 0.3344 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, 142, 138) }
```

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

```
.border{ border-color:rgb(207, 142, 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, 142, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 142, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 142, 138);  
box-shadow:4px 4px 4px 4px rgb(207, 142,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4464, 0.3882, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 142, 138) }
```

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

```
.background{ background-color: rgb(207,  
142, 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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