

Converting Colors

$Yxy(37.9007, 0.3831, 0.3470)$

Have a look what the booklet for
Yxy(37.9007, 0.3831, 0.3470)
contains.

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Color

Yxy(37.9119, 0.3825, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	CF998B
RGB	207, 153, 139
RGB Percent	81%, 60%, 55%
CMY	0.1883, 0.3999, 0.4550
CMYK	0.00, 0.26, 0.33, 0.19
HSL	12°, 41%, 68%
HSV	12°, 33%, 81%
XYZ	41.7785, 37.9119, 29.5344
YIQ	167.5500, 36.6780, 7.0940

Conversions

Conversions Part 2

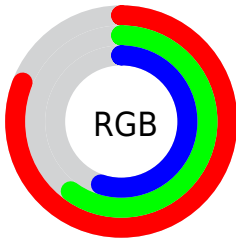
Format	Color
R _Y B	207, 157, 139
Decimal	13605259
CIE Lab	67.96, 18.29, 15.29
CIE LCh	68, 23.836, 39.888
Yxy	37.9119, 0.3825, 0.3471
Android (android.graphics.Color)	4291795339 (0xFFCF998B)
YUV	167.5500, -14.0752, 34.5976
Hunter-Lab	61.5726, 13.3642, 14.6614

Details

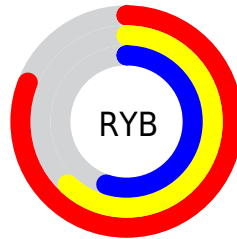
The Yxy color **37.9119, 0.3825, 0.3471** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.1082, 0.2639, 0.3099**, and the grayscale version is **38.9826, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2220, 0.3603, 0.3446**, and **16.8033, 0.4041, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **32.3521, 0.4132, 0.3527**, and if you desaturate by 10%, it is **44.3301, 0.3566, 0.3413**.

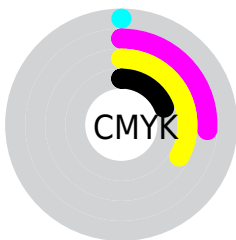
Distribution



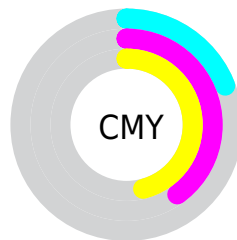
- Red (81%)
- Green (60%)
- Blue (55%)



- Red (81%)
- Yellow (62%)
- Blue (55%)



- Cyan (0%)
- Magenta (26%)
- Yellow (33%)
- Black (19%)





- Cyan (19%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9119, 0.3825, 0.3471 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 37.9119, 0.3825, 0.3471 by changing the saturation by 10% instead.


 37.9119, 0.3825,
0.3471


 37.9119, 0.3825,
0.3471


337.2419, 0.3461,
0.3387


 25.9143, 0.3921,
0.3489


 71.9731, 0.3689,
0.3442

 16.7596, 0.4046,
0.3511


 94.8055, 0.3639,
0.3431

 10.0632, 0.4217,
0.3536


 122.0183, 0.3597,
0.3421

 5.4409, 0.4464,
0.3562

153.9958, 0.3562,
0.3413

 2.5082, 0.4846,
0.3581

191.1226, 0.3531,
0.3405

 0.8807, 0.6079,
0.3921

233.7829, 0.3505,

 0.0000, 1.0000,

0.3398

0.0000

282.3612, 0.3481,
0.3392

■ 0.0000, 0.0000,
0.0000

■ 37.9119, 0.3825,
0.3471

■ 37.9119, 0.3825,
0.3471

■ 32.3521, 0.4132,
0.3527

■ 44.3301, 0.3566,
0.3413

■ 27.6087, 0.4487,
0.3576

■ 51.6357, 0.3351,
0.3357

■ 23.6444, 0.4883,
0.3609

■ 59.8628, 0.3172,
0.3304

■ 20.4167, 0.5295,
0.3618

■ 69.0422, 0.3024,
0.3256

■ 17.8786, 0.5685,
0.3594

■ 79.2031, 0.2902,
0.3211

■ 15.9776, 0.6004,
0.3533

■ 89.8363, 0.2841,
0.3254

■ 14.9699, 0.6176,
0.3478

■ 92.0027, 0.2844,
0.3289

Harmonies

Analogous

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



37.9119, 0.3647, 0.3178



37.9119, 0.3825, 0.3471



37.9119, 0.3801, 0.3739

Triad

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



37.9119, 0.3825, 0.3471



37.9119, 0.2908, 0.3705



37.9119, 0.2662, 0.2708

Complementary

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



37.9119, 0.3825, 0.3471



48.1082, 0.2639, 0.3099

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.



37.9119, 0.2490, 0.2806



37.9119, 0.3825, 0.3471



37.9119, 0.2625, 0.3377

Square

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



37.9119, 0.3825, 0.3471



37.9119, 0.3260, 0.3905



37.9119, 0.2476, 0.3044



37.9119, 0.2963, 0.2753

Rectangle

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



37.9119, 0.3825, 0.3471



37.9119, 0.3678, 0.3868



37.9119, 0.2476, 0.3044



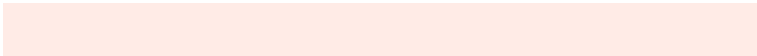
37.9119, 0.2589, 0.2725

Sweetspot

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



37.9137, 0.3825, 0.3471



86.2260, 0.3299, 0.3342



35.5899, 0.3296, 0.2628



18.0680, 0.3325, 0.3350



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.



37.9137, 0.3825, 0.3471



54.7249, 0.4023, 0.3509



50.4895, 0.3692, 0.3878



12.1979, 0.3285, 0.3339



9.5442, 0.6154, 0.3495



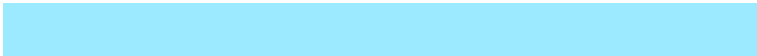
0.6501, 0.5799, 0.3778

Inverse Universe

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



48.1082, 0.2639, 0.3099



73.3600, 0.2550, 0.3055



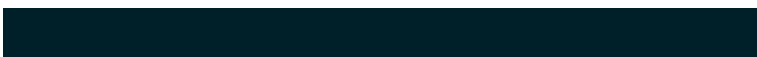
34.9191, 0.2580, 0.2621



12.9754, 0.2983, 0.3241



19.7689, 0.2061, 0.2618



1.2123, 0.2099, 0.2755

Previews

White Background



This preview shows how the Yxy color 37.9119, 0.3825, 0.3471 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 37.9119, 0.3825, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

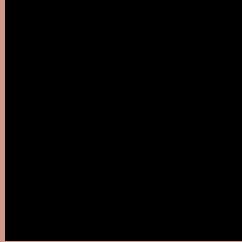
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9119, 0.3825, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 37.9119, 0.3825, 0.3471.



This preview shows how white text looks on a background with the Yxy color 37.9119, 0.3825, 0.3471.

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

37.9119, 0.3825, 0.3471

Protanopia

37.9533, 0.3392, 0.3574

Deuteranopia

38.1831, 0.3654, 0.3587



Tritanopia

37.9412, 0.3627, 0.3153

Trichromacy



Original Color

37.9119, 0.3825, 0.3471

Protanomaly

37.9120, 0.3541, 0.3538

Deuteranomaly

37.8192, 0.3716, 0.3543

Tritanomaly

37.8430, 0.3697, 0.3266

Monochromacy



Original Color

37.9119, 0.3825, 0.3471

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.5738, 0.3364, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9119, 0.3825, 0.3471 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, 153, 139)` looks like.

```
.text, #text, p{  
    color:rgb(207, 153, 139)  
}
```

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, 153, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 153, 139) }
```

Border

The CSS property to change the border of an element to Yxy 37.9119, 0.3825, 0.3471 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, 153, 139) }
```

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

```
.border{ border-color:rgb(207, 153, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 153, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 153, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 153, 139);  
box-shadow:4px 4px 4px 4px rgb(207, 153,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9119, 0.3825, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 153, 139) }
```

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

```
.background{ background-color: rgb(207,  
153, 139) }
```

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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