

Converting Colors

$Yxy(38.4469, 0.3689, 0.3330)$

Have a look what the booklet for
Yxy(38.4469, 0.3689, 0.3330)
contains.

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Color

Yxy(38.4674, 0.3687, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	CE9A97
RGB	206, 154, 151
RGB Percent	81%, 60%, 59%
CMY	0.1922, 0.3960, 0.4078
CMYK	0.00, 0.25, 0.27, 0.19
HSL	3°, 36%, 70%
HSV	3°, 27%, 81%
XYZ	42.5914, 38.4674, 34.4589
YIQ	169.2060, 31.9550, 10.0910

Conversions

Conversions Part 2

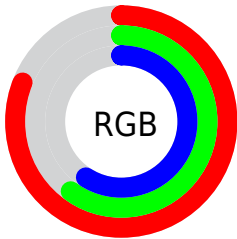
Format	Color
R _Y B	206, 154, 151
Decimal	13539991
CIE Lab	68.36, 18.98, 9.16
CIE LCh	68, 21.075, 25.763
Yxy	38.4674, 0.3687, 0.3330
Android (android.graphics.Color)	4291730071 (0xFFCE9A97)
YUV	169.2060, -8.9756, 32.2683
Hunter-Lab	62.0221, 14.0396, 10.4745

Details

The Yxy color **38.4674, 0.3687, 0.3330** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7331, 0.2737, 0.3250**, and the grayscale version is **39.8175, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2687, 0.3509, 0.3332**, and **17.1999, 0.3871, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **31.9424, 0.3991, 0.3346**, and if you desaturate by 10%, it is **46.1553, 0.3439, 0.3314**.

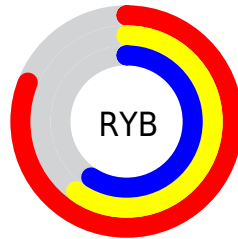
Distribution



Red (81%)

Green (60%)

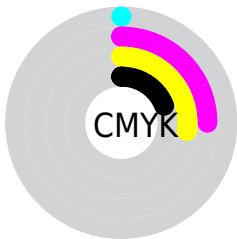
Blue (59%)



Red (81%)

Yellow (60%)

Blue (59%)

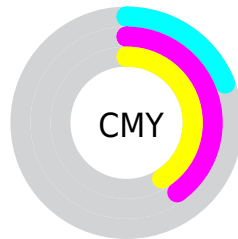


Cyan (0%)

Magenta (25%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.4674, 0.3687, 0.3330 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 38.4674, 0.3687, 0.3330 by changing the saturation by 10% instead.


 38.4674, 0.3687,
0.3330


 38.4674, 0.3687,
0.3330


339.6208, 0.3396,
0.3315

 26.3457, 0.3763,
0.3332


 72.8240, 0.3578,
0.3326

 17.0824, 0.3864,
0.3333


 95.8276, 0.3538,
0.3324

 10.2933, 0.4002,
0.3333


123.2273, 0.3505,
0.3322

 5.5938, 0.4201,
0.3328

155.4075, 0.3476,
0.3320

 2.5997, 0.4515,
0.3308

192.7525, 0.3452,
0.3319

 0.9265, 0.5283,
0.3377

235.6468, 0.3431,

 0.0000, 1.0000,

0.3317

0.0000

284.4748, 0.3412,
0.3316

0.0000, 0.0000,
0.0000

38.4674, 0.3687,
0.3330

38.4674, 0.3687,
0.3330

31.9424, 0.3991,
0.3346

46.1553, 0.3439,
0.3314

26.5188, 0.4358,
0.3361

55.0532, 0.3239,
0.3299

22.1373, 0.4783,
0.3372

65.2122, 0.3078,
0.3286

18.7311, 0.5246,
0.3376

76.6787, 0.2947,
0.3273

16.2256, 0.5698,
0.3371

89.4968, 0.2841,
0.3262

■ 14.5353, 0.6073,
0.3354

■ 91.8592, 0.2838,
0.3289

■ 13.5578, 0.6312,
0.3330

■ 13.3650, 0.6366,
0.3327

Harmonies

Analogous

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



38.4674, 0.3462, 0.3078



38.4674, 0.3687, 0.3330



38.4674, 0.3752, 0.3585

Triad

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



38.4674, 0.3687, 0.3330



38.4674, 0.3079, 0.3754



38.4674, 0.2628, 0.2801

Complementary

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



38.4674, 0.3687, 0.3330



53.7331, 0.2737, 0.3250

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.



38.4674, 0.2539, 0.2950



38.4674, 0.3687, 0.3330



38.4674, 0.2790, 0.3510

Square

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



38.4674, 0.3687, 0.3330



38.4674, 0.3391, 0.3852



38.4674, 0.2596, 0.3208



38.4674, 0.2847, 0.2780

Rectangle

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



38.4674, 0.3687, 0.3330



38.4674, 0.3696, 0.3727



38.4674, 0.2596, 0.3208



38.4674, 0.2582, 0.2837

Sweetspot

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



38.4692, 0.3687, 0.3330



87.0632, 0.3265, 0.3301



39.5762, 0.3183, 0.2662



18.1465, 0.3293, 0.3304



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.



38.4692, 0.3687, 0.3330



56.0810, 0.3853, 0.3339



48.4995, 0.3600, 0.3668



11.3106, 0.3289, 0.3303



8.2770, 0.6356, 0.3335



0.4623, 0.6208, 0.3453

Inverse Universe

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



53.7331, 0.2737, 0.3250



84.8521, 0.2662, 0.3240



41.9850, 0.2701, 0.2880



12.6177, 0.2984, 0.3277



26.7477, 0.2200, 0.3120



1.4127, 0.2210, 0.3155

Previews

White Background



This preview shows how the Yxy color 38.4674, 0.3687, 0.3330 looks on a white background.

Color Contrast Check

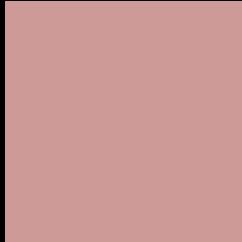
Large Text (above 18pt) WCAG AA × Fail

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 38.4674, 0.3687, 0.3330 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 38.4674, 0.3687, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 38.4674, 0.3687, 0.3330.



This preview shows how white text looks on a background with the Yxy color 38.4674, 0.3687, 0.3330.

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

38.4674, 0.3687, 0.3330

Protanopia

38.5117, 0.3254, 0.3403

Deuteranopia

38.5106, 0.3504, 0.3439



Tritanopia

38.4022, 0.3570, 0.3140

Trichromacy



Original Color

38.4674, 0.3687, 0.3330

Protanomaly

38.3976, 0.3405, 0.3386

Deuteranomaly

38.2578, 0.3573, 0.3397

Tritanomaly

38.5511, 0.3618, 0.3216

Monochromacy



Original Color

38.4674, 0.3687, 0.3330

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1046, 0.3316, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4674, 0.3687, 0.3330 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(206, 154, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 154, 151)  
}
```

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(206, 154, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 154, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.4674, 0.3687, 0.3330 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(206, 154, 151) }
```

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

```
.border{ border-color:rgb(206, 154, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 154, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 154, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 154, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 154,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4674, 0.3687, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 154, 151) }
```

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

```
.background{ background-color: rgb(206,  
154, 151) }
```

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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