

Converting Colors

$Yxy(45.5529, 0.3574, 0.3601)$

Have a look what the booklet for
Yxy(45.5529, 0.3574, 0.3601)
contains.

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Color

Yxy(45.3118, 0.3573, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	C9AF97
RGB	201, 175, 151
RGB Percent	79%, 69%, 59%
CMY	0.2116, 0.3137, 0.4079
CMYK	0.00, 0.13, 0.25, 0.21
HSL	29°, 32%, 69%
HSV	29°, 25%, 79%
XYZ	45.0095, 45.3118, 35.6498
YIQ	180.0380, 23.2000, -1.9520

Conversions

Conversions Part 2

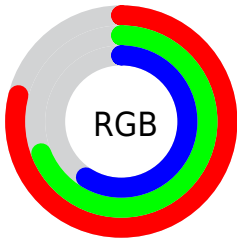
Format	Color
R_{YB}	201, 197, 151
Decimal	13217687
CIE _{Lab}	73.10, 5.69, 15.77
CIE _{LCh}	73, 16.763, 70.166
Yxy	45.3118, 0.3573, 0.3597
Android (android.graphics.Color)	4291407767 (0xFFC9AF97)
YUV	180.0380, -14.3157, 18.3837
Hunter-Lab	67.3140, 1.5543, 15.7196

Details

The Yxy color $45.3118, 0.3573, 0.3597$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $42.2559, 0.2736, 0.2962$, and the grayscale version is $45.7348, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.8196, 0.3467, 0.3552$, and $21.1970, 0.3696, 0.3689$ is the 20% darker color. If you saturate the color by 10%, you get $40.7996, 0.3796, 0.3727$, and if you desaturate by 10%, it is $50.2550, 0.3376, 0.3469$.

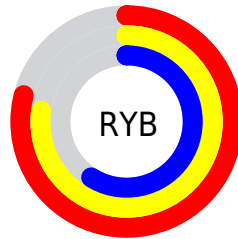
Distribution



Red (79%)

Green (69%)

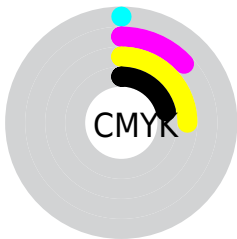
Blue (59%)



Red (79%)

Yellow (77%)

Blue (59%)

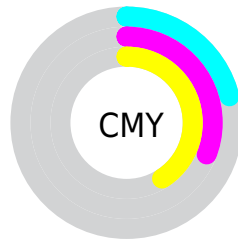


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (21%)



Cyan (21%)


Magenta (31%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3118, 0.3573, 0.3597 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 45.3118, 0.3573, 0.3597 by changing the saturation by 10% instead.


 45.3118, 0.3573,
0.3597

 45.3118, 0.3573,
0.3597


368.0349, 0.3348,
0.3446

 31.7031, 0.3630,
0.3634


 83.1881, 0.3491,
0.3543

 21.1348, 0.3702,
0.3680


 108.2245, 0.3460,
0.3522

 13.2226, 0.3799,
0.3741


137.8389, 0.3434,
0.3505

 7.5820, 0.3934,
0.3823

172.4157, 0.3412,
0.3490

 3.8287, 0.4135,
0.3938

212.3393, 0.3393,
0.3477

 1.5782, 0.4548,
0.4188

257.9941, 0.3376,

 0.3428, 0.5755,

0.3465

0.4245

309.7645, 0.3361,
0.3455

0.0000, 0.0000,
0.0000

45.3118, 0.3573,
0.3597

45.3118, 0.3573,
0.3597

40.7996, 0.3796,
0.3727

50.2550, 0.3376,
0.3469

36.6995, 0.4044,
0.3853

55.6353, 0.3203,
0.3347

33.0001, 0.4314,
0.3967

61.4661, 0.3053,
0.3232

29.6869, 0.4596,
0.4058

67.7586, 0.2923,
0.3126

26.7443, 0.4879,
0.4112

74.5236, 0.2810,
0.3028

■ 24.1553, 0.5143,
0.4120

■ 80.6543, 0.2798,
0.3106

■ 21.9004, 0.5370,
0.4072

■ 86.9164, 0.2806,
0.3218

■ 20.8637, 0.5476,
0.4034

■ 91.1621, 0.2811,
0.3289

Harmonies

Analogous

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



45.3118, 0.3587, 0.3421



45.3118, 0.3573, 0.3597



45.3118, 0.3436, 0.3700

Triad

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



45.3118, 0.3573, 0.3597



45.3118, 0.2790, 0.3349



45.3118, 0.3023, 0.2926

Complementary

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



45.3118, 0.3573, 0.3597



42.2559, 0.2736, 0.2962

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.



45.3118, 0.2818, 0.2897



45.3118, 0.3573, 0.3597



45.3118, 0.2688, 0.3131

Square

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



45.3118, 0.3573, 0.3597



45.3118, 0.2982, 0.3558



45.3118, 0.2698, 0.2969



45.3118, 0.3263, 0.3043

Rectangle

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



45.3118, 0.3573, 0.3597



45.3118, 0.3296, 0.3706



45.3118, 0.2698, 0.2969



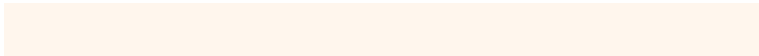
45.3118, 0.2948, 0.2906

Sweetspot

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



45.3139, 0.3573, 0.3597



93.1189, 0.3239, 0.3373



37.7558, 0.3375, 0.2952



19.8082, 0.3250, 0.3381



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.



45.3139, 0.3573, 0.3597



73.1917, 0.3693, 0.3669



55.6714, 0.3504, 0.3887



11.4622, 0.3278, 0.3401



13.2949, 0.5453, 0.4052



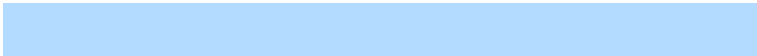
0.7744, 0.5123, 0.4314

Inverse Universe

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



42.2559, 0.2736, 0.2962



67.0484, 0.2647, 0.2877



33.4703, 0.2706, 0.2614



11.1854, 0.2983, 0.3176



9.1375, 0.1795, 0.1661



0.5772, 0.1897, 0.2029

Previews

White Background



This preview shows how the Yxy color 45.3118, 0.3573, 0.3597 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 45.3118, 0.3573, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

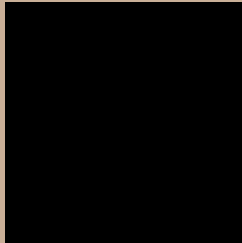
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.3118, 0.3573, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 45.3118, 0.3573, 0.3597.



This preview shows how white text looks on a background with the Yxy color 45.3118, 0.3573, 0.3597.

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

45.3118, 0.3573, 0.3597

Protanopia

45.3589, 0.3433, 0.3633

Deuteranopia

45.3869, 0.3636, 0.3567



Tritanopia

45.1893, 0.3326, 0.3118

Trichromacy



Original Color

45.3118, 0.3573, 0.3597

Protanomaly

45.4452, 0.3481, 0.3630

Deuteranomaly

45.4856, 0.3613, 0.3581

Tritanomaly

45.3210, 0.3420, 0.3291

Monochromacy



Original Color

45.3118, 0.3573, 0.3597

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.3967, 0.3290, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3118, 0.3573, 0.3597 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(201, 175, 151)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 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(201, 175, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 151) }
```

Border

The CSS property to change the border of an element to Yxy 45.3118, 0.3573, 0.3597 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(201, 175, 151) }
```

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

```
.border{ border-color:rgb(201, 175, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 175, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 151);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3118, 0.3573, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 151) }
```

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

```
.background{ background-color: rgb(201,  
175, 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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