

Converting Colors

$Yxy(45.3984, 0.3402, 0.3266)$

Have a look what the booklet for
Yxy(45.3984, 0.3402, 0.3266)
contains.

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Color

Yxy(45.3984, 0.3402, 0.3266)

Conversions

Conversions Part 1

Format	Color
Hex	CCACAE
RGB	204, 172, 174
RGB Percent	80%, 67%, 68%
CMY	0.2001, 0.3254, 0.3176
CMYK	0.00, 0.16, 0.15, 0.20
HSL	356°, 24%, 74%
HSV	356°, 16%, 80%
XYZ	47.2888, 45.3984, 46.3158
YIQ	181.7960, 18.4300, 7.4060

Conversions

Conversions Part 2

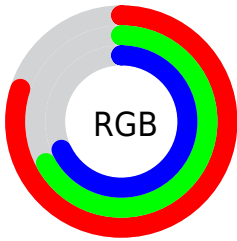
Format	Color
RYB	204, 172, 174
Decimal	13413550
CIELab	73.15, 11.91, 3.30
CIELCh	73, 12.362, 15.480
Yxy	45.3984, 0.3402, 0.3266
Android (android.graphics.Color)	4291603630 (0xFFCCACAE)
YUV	181.7960, -3.8434, 19.4729
Hunter-Lab	67.3783, 7.3664, 6.4089

Details

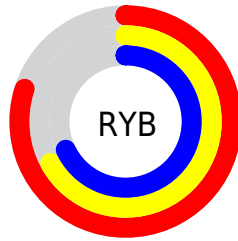
The Yxy color $45.3984, 0.3402, 0.3266$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.2088, 0.2905, 0.3314$, and the grayscale version is $46.6760, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.8553, 0.3311, 0.3271$, and $21.2276, 0.3472, 0.3257$ is the 20% darker color. If you saturate the color by 10%, you get $37.5285, 0.3634, 0.3250$, and if you desaturate by 10%, it is $54.5703, 0.3216, 0.3282$.

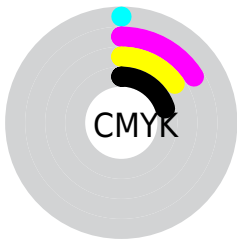
Distribution



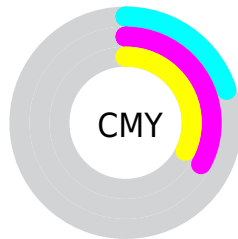
- Red (80%)
- Green (67%)
- Blue (68%)



- Red (80%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (33%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.3984, 0.3402, 0.3266 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 45.3984, 0.3402, 0.3266 by changing the saturation by 10% instead.


 45.3984, 0.3402,
0.3266

 45.3984, 0.3402,
0.3266

368.3847, 0.3263,
0.3279

 31.7713, 0.3437,
0.3262


 83.3179, 0.3351,
0.3271

 21.1869, 0.3482,
0.3257


108.3792, 0.3332,
0.3273

 13.2607, 0.3543,
0.3250

138.0207, 0.3316,
0.3274

 7.6083, 0.3629,
0.3240

172.6267, 0.3303,
0.3276

 3.8454, 0.3758,
0.3223

212.5817, 0.3291,
0.3277

 1.5874, 0.3978,
0.3189

258.2702, 0.3281,

 0.3491, 0.5553,

0.3278

0.3114

310.0763, 0.3271,
0.3279

0.0000, 0.0000,
0.0000

45.3984, 0.3402,
0.3266

45.3984, 0.3402,
0.3266

37.5285, 0.3634,
0.3250

54.5703, 0.3216,
0.3282

30.8958, 0.3921,
0.3233

65.0929, 0.3066,
0.3296

25.4393, 0.4270,
0.3219

77.0201, 0.2946,
0.3309

21.0902, 0.4680,
0.3208

90.4008, 0.2849,
0.3321

17.7727, 0.5135,
0.3205

91.5735, 0.2827,
0.3289

■ 15.4015, 0.5593,
0.3212

■ 13.8777, 0.5991,
0.3232

■ 13.0794, 0.6264,
0.3261

■ 12.8618, 0.6342,
0.3267

Harmonies

Analogous

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



45.3984, 0.3258, 0.3127



45.3984, 0.3402, 0.3266



45.3984, 0.3470, 0.3415

Triad

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



45.3984, 0.3402, 0.3266



45.3984, 0.3165, 0.3570



45.3984, 0.2819, 0.3038

Complementary

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



45.3984, 0.3402, 0.3266



56.2088, 0.2905, 0.3314

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.



45.3984, 0.2796, 0.3150



45.3984, 0.3402, 0.3266



45.3984, 0.2992, 0.3462

Square

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



45.3984, 0.3402, 0.3266



45.3984, 0.3330, 0.3596



45.3984, 0.2859, 0.3306



45.3984, 0.2922, 0.2996

Rectangle

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



45.3984, 0.3402, 0.3266



45.3984, 0.3463, 0.3501



45.3984, 0.2859, 0.3306



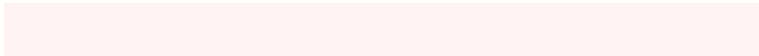
45.3984, 0.2801, 0.3069

Sweetspot

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



45.4004, 0.3402, 0.3266



91.3869, 0.3206, 0.3283



46.4037, 0.3127, 0.2904



19.3114, 0.3218, 0.3281



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.



45.4004, 0.3402, 0.3266



70.2994, 0.3479, 0.3260



50.8730, 0.3393, 0.3461



11.2248, 0.3280, 0.3276



8.1026, 0.6327, 0.3259



0.4221, 0.6085, 0.3126

Inverse Universe

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



45.4004, 0.3402, 0.3266



70.2994, 0.3479, 0.3260



50.0116, 0.2885, 0.3112



11.2248, 0.3280, 0.3276



8.1026, 0.6327, 0.3259



0.4221, 0.6085, 0.3126

Previews

White Background



This preview shows how the Yxy color 45.3984, 0.3402, 0.3266 looks on a white background.

Color Contrast Check

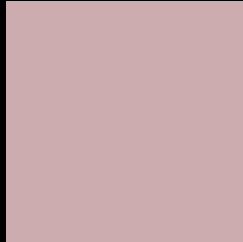
Large Text (above 18pt) WCAG AA × Fail

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 45.3984, 0.3402, 0.3266 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 45.3984, 0.3402, 0.3266

Background



This preview shows how black text looks on a background with the Yxy color 45.3984, 0.3402, 0.3266.



This preview shows how white text looks on a background with the Yxy color 45.3984, 0.3402, 0.3266.

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

45.3984, 0.3402, 0.3266

Protanopia

45.5218, 0.3170, 0.3303

Deuteranopia

45.4702, 0.3353, 0.3291



Tritanopia

45.1893, 0.3326, 0.3118

Trichromacy



Original Color

45.3984, 0.3402, 0.3266

Protanomaly

45.3014, 0.3252, 0.3278

Deuteranomaly

45.3606, 0.3373, 0.3278

Tritanomaly

45.4002, 0.3360, 0.3179

Monochromacy



Original Color

45.3984, 0.3402, 0.3266

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0426, 0.3224, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3984, 0.3402, 0.3266 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(204, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(204, 172, 174)  
}
```

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(204, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 172, 174) }
```

Border

The CSS property to change the border of an element to Yxy 45.3984, 0.3402, 0.3266 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(204, 172, 174) }
```

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

```
.border{ border-color:rgb(204, 172, 174) }
```

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

Here you see how a box with a 4 pixel rgb(204, 172, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(204, 172,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3984, 0.3402, 0.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 172, 174) }
```

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

```
.background{ background-color: rgb(204,  
172, 174) }
```

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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