

Converting Colors

$Yxy(47.9552, 0.3383, 0.3333)$

Have a look what the booklet for
Yxy(47.9552, 0.3383, 0.3333)
contains.

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Color

Yxy(47.7733, 0.3383, 0.3328)

Conversions

Conversions Part 1

Format	Color
Hex	CCB2AF
RGB	204, 178, 175
RGB Percent	80%, 70%, 69%
CMY	0.1999, 0.3020, 0.3138
CMYK	0.00, 0.13, 0.14, 0.20
HSL	6°, 22%, 74%
HSV	6°, 14%, 80%
XYZ	48.5628, 47.7733, 47.2135
YIQ	185.4320, 16.4590, 4.5790

Conversions

Conversions Part 2

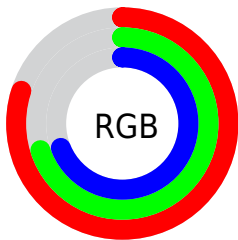
Format	Color
R _Y B	204, 178, 175
Decimal	13415087
CIE Lab	74.68, 8.85, 4.97
CIE LCh	75, 10.152, 29.304
Yxy	47.7733, 0.3383, 0.3328
Android (android.graphics.Color)	4291605167 (0xFFCCB2AF)
YUV	185.4320, -5.1430, 16.2841
Hunter-Lab	69.1182, 4.4581, 7.8828

Details

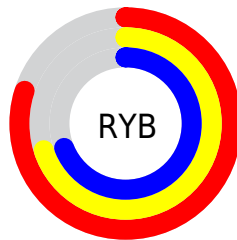
The Yxy color $47.7733, 0.3383, 0.3328$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $55.2508, 0.2911, 0.3252$, and the grayscale version is $48.7929, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8188, 0.3296, 0.3330$, and $22.5813, 0.3458, 0.3324$ is the 20% darker color. If you saturate the color by 10%, you get $40.2349, 0.3613, 0.3357$, and if you desaturate by 10%, it is $56.4071, 0.3195, 0.3301$.

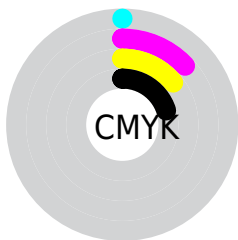
Distribution



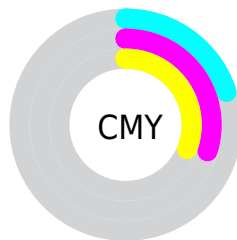
- Red (80%)
- Green (70%)
- Blue (69%)



- Red (80%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (14%)
- Black (20%)




- Cyan (20%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.7733, 0.3383, 0.3328 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 47.7733, 0.3383, 0.3328 by changing the saturation by 10% instead.


 47.7733, 0.3383,
0.3328

 47.7733, 0.3383,
0.3328


377.8928, 0.3255,
0.3310

 33.6474, 0.3415,
0.3332


 86.8668, 0.3336,
0.3322

 22.6228, 0.3456,
0.3337


112.6031, 0.3319,
0.3320

 14.3153, 0.3511,
0.3343


142.9784, 0.3304,
0.3317

 8.3403, 0.3588,
0.3351

178.3771, 0.3291,
0.3316

 4.3134, 0.3703,
0.3361

219.1834, 0.3281,
0.3314

 1.8504, 0.3894,
0.3373

265.7819, 0.3271,


 0.5183, 0.4908,

0.3313


0.3589


318.5569, 0.3262,
0.3311

 0.0000, 0.0000,
0.0000


 47.7733, 0.3383,
0.3328


 47.7733, 0.3383,
0.3328


 40.2349, 0.3613,
0.3357


 56.4071, 0.3195,
0.3301


 33.7421, 0.3895,
0.3386


 66.1710, 0.3043,
0.3276


 28.2505, 0.4234,
0.3414

 77.1061, 0.2918,
0.3253

 23.7103, 0.4629,
0.3437

 89.1460, 0.2825,
0.3249

 20.0671, 0.5068,
0.3450

 91.5800, 0.2827,
0.3289

■ 17.2613, 0.5516,
0.3447

■ 15.2258, 0.5917,
0.3424

■ 13.8832, 0.6209,
0.3383

■ 13.3819, 0.6324,
0.3361

Harmonies

Analogous

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



47.7733, 0.3292, 0.3207



47.7733, 0.3383, 0.3328



47.7733, 0.3403, 0.3442

Triad

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



47.7733, 0.3383, 0.3328



47.7733, 0.3092, 0.3482



47.7733, 0.2909, 0.3063

Complementary

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



47.7733, 0.3383, 0.3328



55.2508, 0.2911, 0.3252

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.



47.7733, 0.2858, 0.3130



47.7733, 0.3383, 0.3328



47.7733, 0.2963, 0.3373

Square

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



47.7733, 0.3383, 0.3328



47.7733, 0.3233, 0.3535



47.7733, 0.2878, 0.3243



47.7733, 0.3017, 0.3057

Rectangle

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



47.7733, 0.3383, 0.3328



47.7733, 0.3374, 0.3499



47.7733, 0.2878, 0.3243



47.7733, 0.2885, 0.3079

Sweetspot

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



47.7754, 0.3383, 0.3328



93.6652, 0.3193, 0.3300



47.7187, 0.3167, 0.2975



19.8006, 0.3205, 0.3302



0.0000, 0.0000, 0.0000



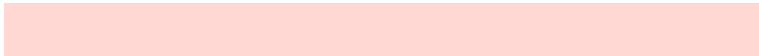
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



47.7754, 0.3383, 0.3328



75.1815, 0.3447, 0.3337



53.8131, 0.3358, 0.3503



11.3977, 0.3288, 0.3315



8.4866, 0.6309, 0.3372



0.5029, 0.6054, 0.3575

Inverse Universe

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



55.2508, 0.2911, 0.3252



89.8511, 0.2867, 0.3243



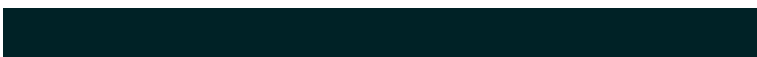
48.8452, 0.2905, 0.3067



12.5205, 0.2983, 0.3265



24.1019, 0.2157, 0.2964



1.3020, 0.2176, 0.3033

Previews

White Background



This preview shows how the Yxy color 47.7733, 0.3383, 0.3328 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 47.7733, 0.3383, 0.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

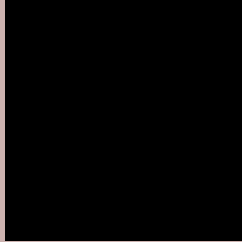
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.7733, 0.3383, 0.3328

Background



This preview shows how black text looks on a background with the Yxy color 47.7733, 0.3383, 0.3328.



This preview shows how white text looks on a background with the Yxy color 47.7733, 0.3383, 0.3328.

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

47.7733, 0.3383, 0.3328

Protanopia

47.9001, 0.3218, 0.3354

Deuteranopia

47.9151, 0.3392, 0.3328



Tritanopia

47.8902, 0.3276, 0.3120

Trichromacy



Original Color

47.7733, 0.3383, 0.3328

Protanomaly

47.6914, 0.3272, 0.3341

Deuteranomaly

47.9151, 0.3392, 0.3328

Tritanomaly

47.9262, 0.3308, 0.3193

Monochromacy



Original Color

47.7733, 0.3383, 0.3328

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9986, 0.3221, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.7733, 0.3383, 0.3328 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, 178, 175)` looks like.

```
.text, #text, p{  
    color:rgb(204, 178, 175)  
}
```

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, 178, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 178, 175) }
```

Border

The CSS property to change the border of an element to Yxy 47.7733, 0.3383, 0.3328 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, 178, 175) }
```

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

```
.border{ border-color:rgb(204, 178, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 178, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 178, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 178, 175);  
box-shadow:4px 4px 4px 4px rgb(204, 178,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 47.7733, 0.3383, 0.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 178, 175) }
```

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

```
.background{ background-color: rgb(204,  
178, 175) }
```

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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