

Converting Colors

$Yxy(47.5319, 0.3356, 0.3316)$

Have a look what the booklet for
Yxy(47.5319, 0.3356, 0.3316)
contains.

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Color

Yxy(47.5319, 0.3356, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	CAB2B0
RGB	202, 178, 176
RGB Percent	79%, 70%, 69%
CMY	0.2080, 0.3019, 0.3099
CMYK	0.00, 0.12, 0.13, 0.21
HSL	5°, 20%, 74%
HSV	5°, 13%, 79%
XYZ	48.1053, 47.5319, 47.7039
YIQ	184.9480, 14.9460, 4.4660

Conversions

Conversions Part 2

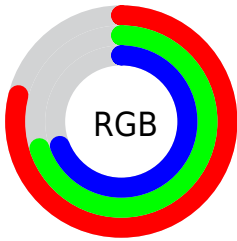
Format	Color
R _Y B	202, 178, 176
Decimal	13284016
CIE Lab	74.53, 8.25, 4.18
CIE LCh	75, 9.252, 26.877
Yxy	47.5319, 0.3356, 0.3316
Android (android.graphics.Color)	4291474096 (0xFFCAB2B0)
YUV	184.9480, -4.4114, 14.9546
Hunter-Lab	68.9434, 3.8975, 7.2359

Details

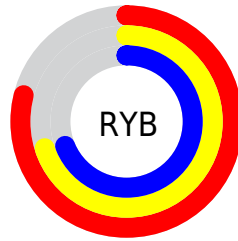
The Yxy color **47.5319, 0.3356, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7660, 0.2932, 0.3264**, and the grayscale version is **48.5027, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9318, 0.3283, 0.3310**, and **22.4184, 0.3421, 0.3308** is the 20% darker color. If you saturate the color by 10%, you get **39.8808, 0.3582, 0.3338**, and if you desaturate by 10%, it is **56.3113, 0.3173, 0.3296**.

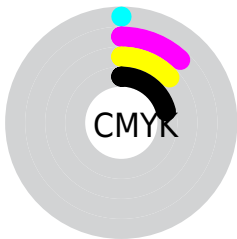
Distribution



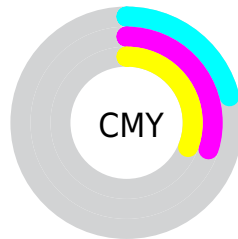
- Red (79%)
- Green (70%)
- Blue (69%)



- Red (79%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (12%)
- Yellow (13%)
- Black (21%)





- Cyan (21%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.5319, 0.3356, 0.3316 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 47.5319, 0.3356, 0.3316 by changing the saturation by 10% instead.


 47.5319, 0.3356,
0.3316

 47.5319, 0.3356,
0.3316

376.9337, 0.3241,
0.3304

 33.4563, 0.3385,
0.3319


 86.5070, 0.3314,
0.3312

 22.4763, 0.3422,
0.3322


112.1754, 0.3299,
0.3310

 14.2073, 0.3471,
0.3326


142.4768, 0.3285,
0.3309

 8.2650, 0.3540,
0.3331

177.7957, 0.3274,
0.3308

 4.2650, 0.3643,
0.3337

218.5165, 0.3264,
0.3307

 1.8229, 0.3815,
0.3344

265.0234, 0.3256,

 0.5014, 0.4732,

0.3306

0.3499

317.7010, 0.3248,
0.3305

0.0000, 0.0000,
0.0000

47.5319, 0.3356,
0.3316

47.5319, 0.3356,
0.3316

39.8808, 0.3582,
0.3338

56.3113, 0.3173,
0.3296

33.3061, 0.3860,
0.3360

66.2554, 0.3025,
0.3277

27.7615, 0.4196,
0.3382

77.4069, 0.2904,
0.3260

23.1948, 0.4592,
0.3400

89.6901, 0.2814,
0.3263

19.5490, 0.5035,
0.3410

91.2916, 0.2816,
0.3289

■ 16.7617, 0.5492,
0.3409

■ 14.7621, 0.5905,
0.3393

■ 13.4687, 0.6209,
0.3362

■ 12.9172, 0.6347,
0.3342

Harmonies

Analogous

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



47.5319, 0.3269, 0.3206



47.5319, 0.3356, 0.3316



47.5319, 0.3380, 0.3422

Triad

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



47.5319, 0.3356, 0.3316



47.5319, 0.3106, 0.3471



47.5319, 0.2922, 0.3086

Complementary

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



47.5319, 0.3356, 0.3316



54.7660, 0.2932, 0.3264

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.



47.5319, 0.2880, 0.3151



47.5319, 0.3356, 0.3316



47.5319, 0.2985, 0.3375

Square

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



47.5319, 0.3356, 0.3316



47.5319, 0.3234, 0.3515



47.5319, 0.2904, 0.3257



47.5319, 0.3018, 0.3075

Rectangle

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



47.5319, 0.3356, 0.3316



47.5319, 0.3358, 0.3476



47.5319, 0.2904, 0.3257



47.5319, 0.2901, 0.3102

Sweetspot

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



47.5340, 0.3356, 0.3316



93.5085, 0.3193, 0.3298



47.7766, 0.3156, 0.2996



19.7611, 0.3206, 0.3299



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.



47.5340, 0.3356, 0.3316



77.3109, 0.3405, 0.3321



52.8190, 0.3335, 0.3471



11.3526, 0.3288, 0.3309



8.3676, 0.6335, 0.3352



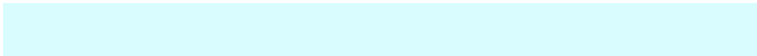
0.4819, 0.6132, 0.3513

Inverse Universe

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



54.7660, 0.2932, 0.3264



91.5555, 0.2897, 0.3259



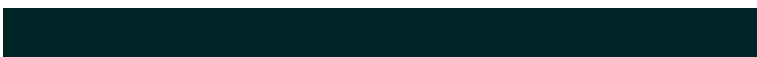
49.1340, 0.2928, 0.3102



12.5707, 0.2984, 0.3271



25.4476, 0.2179, 0.3045



1.3585, 0.2194, 0.3096

Previews

White Background



This preview shows how the Yxy color 47.5319, 0.3356, 0.3316 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 47.5319, 0.3356, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

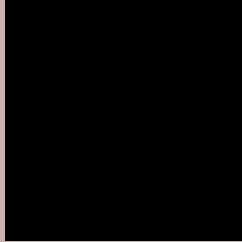
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.5319, 0.3356, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 47.5319, 0.3356, 0.3316.



This preview shows how white text looks on a background with the Yxy color 47.5319, 0.3356, 0.3316.

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

47.5319, 0.3356, 0.3316

Protanopia

47.8130, 0.3202, 0.3342

Deuteranopia

47.4162, 0.3376, 0.3303



Tritanopia

47.6057, 0.3258, 0.3119

Trichromacy



Original Color

47.5319, 0.3356, 0.3316

Protanomaly

47.5996, 0.3255, 0.3329

Deuteranomaly

47.2754, 0.3367, 0.3303

Tritanomaly

47.6436, 0.3290, 0.3192

Monochromacy



Original Color

47.5319, 0.3356, 0.3316

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.9097, 0.3204, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.5319, 0.3356, 0.3316 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(202, 178, 176)` looks like.

```
.text, #text, p{  
    color:rgb(202, 178, 176)  
}
```

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(202, 178, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 178, 176) }
```

Border

The CSS property to change the border of an element to Yxy 47.5319, 0.3356, 0.3316 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(202, 178, 176) }
```

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

```
.border{ border-color:rgb(202, 178, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 178, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 178, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 178, 176);  
box-shadow:4px 4px 4px 4px rgb(202, 178,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 47.5319, 0.3356, 0.3316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 178, 176) }
```

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

```
.background{ background-color: rgb(202,  
178, 176) }
```

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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