

Converting Colors

$Yxy(45.0069, 0.3340, 0.3320)$

Have a look what the booklet for
Yxy(45.0069, 0.3340, 0.3320)
contains.

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Color

Yxy(44.9864, 0.3343, 0.3316)

Conversions

Conversions Part 1

Format	Color
Hex	C4AEAC
RGB	196, 174, 172
RGB Percent	77%, 68%, 67%
CMY	0.2313, 0.3177, 0.3255
CMYK	0.00, 0.11, 0.12, 0.23
HSL	5°, 17%, 72%
HSV	5°, 12%, 77%
XYZ	45.3527, 44.9864, 45.3256
YIQ	180.3500, 13.7540, 4.0420

Conversions

Conversions Part 2

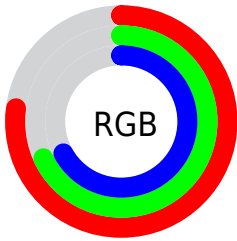
Format	Color
RYB	196, 174, 172
Decimal	12889772
CIELab	72.88, 7.60, 3.91
CIELCh	73, 8.546, 27.250
Yxy	44.9864, 0.3343, 0.3316
Android (android.graphics.Color)	4291079852 (0xFFC4AEAC)
YUV	180.3500, -4.1165, 13.7251
Hunter-Lab	67.0719, 3.3223, 6.8836

Details

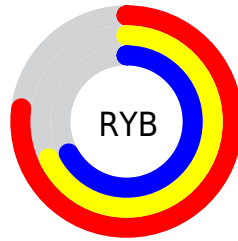
The Yxy color **44.9864, 0.3343, 0.3316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3585, 0.2941, 0.3264**, and the grayscale version is **45.8592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4673, 0.3307, 0.3311**, and **21.0259, 0.3401, 0.3326** is the 20% darker color. If you saturate the color by 10%, you get **37.8017, 0.3565, 0.3339**, and if you desaturate by 10%, it is **53.2162, 0.3163, 0.3295**.

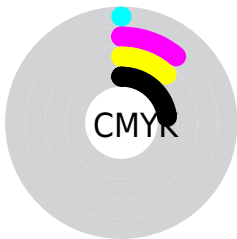
Distribution



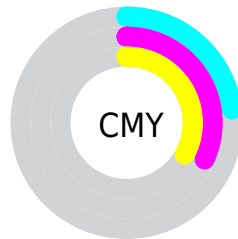
- Red (77%)
- Green (68%)
- Blue (67%)



- Red (77%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (23%)





- Cyan (23%)
- Magenta (32%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9864, 0.3343, 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 44.9864, 0.3343, 0.3316 by changing the saturation by 10% instead.


 44.9864, 0.3343,
0.3316

 44.9864, 0.3343,
0.3316


366.7185, 0.3234,
0.3304

 31.4467, 0.3371,
0.3319


 82.7000, 0.3303,
0.3312

 20.9392, 0.3406,
0.3322


107.6427, 0.3288,
0.3310

 13.0796, 0.3454,
0.3327


137.1552, 0.3276,
0.3309

 7.4834, 0.3522,
0.3332

171.6219, 0.3265,
0.3307

 3.7662, 0.3625,
0.3339

211.4272, 0.3256,
0.3306

 1.5437, 0.3801,
0.3348

256.9554, 0.3247,

 0.3192, 0.5543,

0.3305

0.3619

308.5911, 0.3240,
0.3305

0.0000, 0.0000,
0.0000

44.9864, 0.3343,
0.3316

44.9864, 0.3343,
0.3316

37.8017, 0.3565,
0.3339

53.2162, 0.3163,
0.3295

31.6144, 0.3838,
0.3363

62.5241, 0.3017,
0.3275

26.3823, 0.4169,
0.3385

72.9494, 0.2897,
0.3257

22.0578, 0.4558,
0.3405

84.5274, 0.2800,
0.3241

18.5891, 0.4997,
0.3417

90.4792, 0.2784,
0.3289

■ 15.9193, 0.5452,
0.3417

■ 13.9844, 0.5869,
0.3401

■ 12.7107, 0.6184,
0.3370

■ 12.1166, 0.6342,
0.3347

Harmonies

Analogous

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



44.9864, 0.3262, 0.3212



44.9864, 0.3343, 0.3316



44.9864, 0.3365, 0.3415

Triad

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



44.9864, 0.3343, 0.3316



44.9864, 0.3106, 0.3459



44.9864, 0.2935, 0.3097

Complementary

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



44.9864, 0.3343, 0.3316



51.3585, 0.2941, 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.



44.9864, 0.2895, 0.3159



44.9864, 0.3343, 0.3316



44.9864, 0.2993, 0.3369

Square

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



44.9864, 0.3343, 0.3316



44.9864, 0.3227, 0.3501



44.9864, 0.2916, 0.3258



44.9864, 0.3025, 0.3088

Rectangle

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



44.9864, 0.3343, 0.3316



44.9864, 0.3343, 0.3466



44.9864, 0.2916, 0.3258



44.9864, 0.2915, 0.3113

Sweetspot

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



44.9884, 0.3343, 0.3316



93.5357, 0.3193, 0.3298



45.1611, 0.3154, 0.3011



19.7680, 0.3206, 0.3300



0.0000, 0.0000, 0.0000



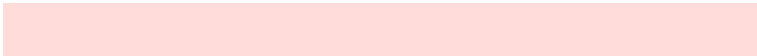
21.4041, 0.3127, 0.3290

Same Dimension

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



44.9884, 0.3343, 0.3316



77.3993, 0.3404, 0.3323



49.6751, 0.3324, 0.3462



10.2089, 0.3287, 0.3310



7.8363, 0.6329, 0.3357



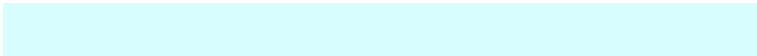
0.3854, 0.6090, 0.3546

Inverse Universe

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



51.3585, 0.2941, 0.3264



91.4498, 0.2897, 0.3257



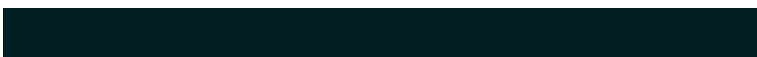
46.3844, 0.2938, 0.3112



11.2812, 0.2984, 0.3270



23.5378, 0.2176, 0.3032



1.0599, 0.2193, 0.3094

Previews

White Background



This preview shows how the Yxy color 44.9864, 0.3343, 0.3316 looks on a white background.

Color Contrast Check

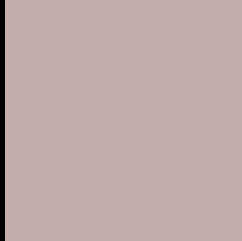
Large Text (above 18pt) WCAG AA × Fail

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 44.9864, 0.3343, 0.3316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

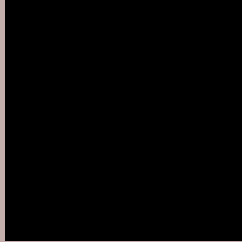
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9864, 0.3343, 0.3316

Background



This preview shows how black text looks on a background with the Yxy color 44.9864, 0.3343, 0.3316.



This preview shows how white text looks on a background with the Yxy color 44.9864, 0.3343, 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

44.9864, 0.3343, 0.3316

Protanopia

44.9641, 0.3204, 0.3343

Deuteranopia

45.0078, 0.3372, 0.3303



Tritanopia

45.0136, 0.3251, 0.3127

Trichromacy



Original Color

44.9864, 0.3343, 0.3316

Protanomaly

45.1528, 0.3257, 0.3342

Deuteranomaly

44.8715, 0.3363, 0.3303

Tritanomaly

45.0527, 0.3284, 0.3202

Monochromacy



Original Color

44.9864, 0.3343, 0.3316

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4542, 0.3205, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9864, 0.3343, 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(196, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(196, 174, 172)  
}
```

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(196, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 174, 172) }
```

Border

The CSS property to change the border of an element to Yxy 44.9864, 0.3343, 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(196, 174, 172) }
```

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

```
.border{ border-color:rgb(196, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(196, 174,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9864, 0.3343, 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(196, 174, 172) }
```

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

```
.background{ background-color: rgb(196,  
174, 172) }
```

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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