

Converting Colors

$Yxy(43.5868, 0.3380, 0.3277)$

Have a look what the booklet for
Yxy(43.5868, 0.3380, 0.3277)
contains.

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Color

Yxy(43.6955, 0.3377, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	C6AAAB
RGB	198, 170, 171
RGB Percent	78%, 67%, 67%
CMY	0.2235, 0.3333, 0.3294
CMYK	0.00, 0.14, 0.14, 0.22
HSL	358°, 20%, 72%
HSV	358°, 14%, 78%
XYZ	45.0152, 43.6955, 44.5886
YIQ	178.4860, 16.3670, 6.2470

Conversions

Conversions Part 2

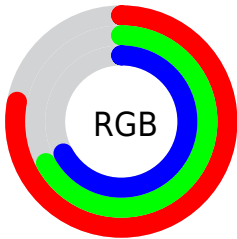
Format	Color
RYB	198, 170, 171
Decimal	13019819
CIELab	72.02, 10.33, 3.25
CIElCh	72, 10.824, 17.454
Yxy	43.6955, 0.3377, 0.3278
Android (android.graphics.Color)	4291209899 (0xFFC6AAAB)
YUV	178.4860, -3.6906, 17.1138
Hunter-Lab	66.1026, 5.8771, 6.2785

Details

The Yxy color **43.6955, 0.3377, 0.3278** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.9694, 0.2921, 0.3302**, and the grayscale version is **44.8065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6014, 0.3333, 0.3281**, and **20.2181, 0.3450, 0.3274** is the 20% darker color. If you saturate the color by 10%, you get **36.1478, 0.3607, 0.3269**, and if you desaturate by 10%, it is **52.4704, 0.3192, 0.3287**.

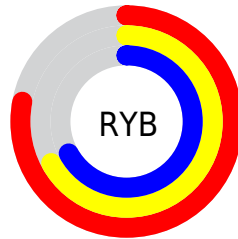
Distribution



Red (78%)

Green (67%)

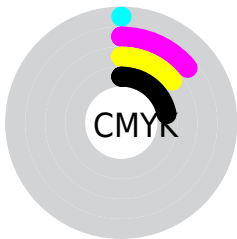
Blue (67%)



Red (78%)

Yellow (67%)

Blue (67%)

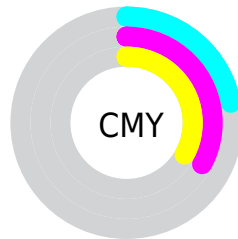


Cyan (0%)

Magenta (14%)

Yellow (14%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6955, 0.3377, 0.3278 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 43.6955, 0.3377, 0.3278 by changing the saturation by 10% instead.


 43.6955, 0.3377,
0.3278

 43.6955, 0.3377,
0.3278


361.4642, 0.3250,
0.3285

 30.4312, 0.3409,
0.3276


 80.7593, 0.3330,
0.3281

 20.1661, 0.3451,
0.3273

105.3277, 0.3313,
0.3282

 12.5158, 0.3508,
0.3269


134.4328, 0.3299,
0.3283

 7.0960, 0.3588,
0.3262

168.4591, 0.3286,
0.3283

 3.5222, 0.3711,
0.3250

207.7910, 0.3275,
0.3284

 1.4101, 0.3922,
0.3226

252.8129, 0.3266,

 0.2241, 0.6585,

0.3284

0.3173

303.9092, 0.3258,
0.3285

0.0000, 0.0000,
0.0000

43.6955, 0.3377,
0.3278

43.6955, 0.3377,
0.3278

36.1478, 0.3607,
0.3269

52.4704, 0.3192,
0.3287

29.7671, 0.3893,
0.3260

62.5176, 0.3045,
0.3295

24.4970, 0.4242,
0.3252

73.8871, 0.2926,
0.3302

20.2740, 0.4654,
0.3246

86.6243, 0.2829,
0.3308

17.0282, 0.5112,
0.3245

90.7467, 0.2794,
0.3289

■ 14.6814, 0.5578,
0.3249

■ 13.1432, 0.5985,
0.3260

■ 12.3044, 0.6266,
0.3277

■ 12.0221, 0.6366,
0.3281

Harmonies

Analogous

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



43.6955, 0.3253, 0.3152



43.6955, 0.3377, 0.3278



43.6955, 0.3432, 0.3410

Triad

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



43.6955, 0.3377, 0.3278



43.6955, 0.3151, 0.3533



43.6955, 0.2857, 0.3062

Complementary

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



43.6955, 0.3377, 0.3278



52.9694, 0.2921, 0.3302

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.



43.6955, 0.2832, 0.3158



43.6955, 0.3377, 0.3278



43.6955, 0.2999, 0.3434

Square

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



43.6955, 0.3377, 0.3278



43.6955, 0.3299, 0.3562



43.6955, 0.2883, 0.3295



43.6955, 0.2953, 0.3029

Rectangle

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



43.6955, 0.3377, 0.3278



43.6955, 0.3422, 0.3485



43.6955, 0.2883, 0.3295



43.6955, 0.2840, 0.3088

Sweetspot

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



43.6975, 0.3377, 0.3278



93.0464, 0.3191, 0.3287



44.6453, 0.3131, 0.2943



19.6448, 0.3204, 0.3286



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.



43.6975, 0.3377, 0.3278



72.9860, 0.3443, 0.3275



48.6132, 0.3363, 0.3449



10.6429, 0.3284, 0.3282



7.8204, 0.6357, 0.3276



0.3725, 0.6206, 0.3192

Inverse Universe

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



43.6975, 0.3377, 0.3278



72.9860, 0.3443, 0.3275



47.4915, 0.2909, 0.3125



10.6429, 0.3284, 0.3282



7.8204, 0.6357, 0.3276



0.3725, 0.6206, 0.3192

Previews

White Background



This preview shows how the Yxy color 43.6955, 0.3377, 0.3278 looks on a white background.

Color Contrast Check

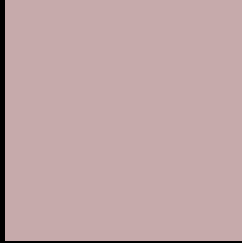
Large Text (above 18pt) WCAG AA × Fail

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 43.6955, 0.3377, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

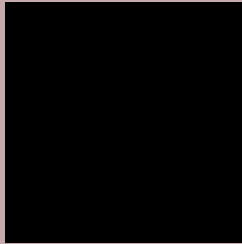
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6955, 0.3377, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 43.6955, 0.3377, 0.3278.



This preview shows how white text looks on a background with the Yxy color 43.6955, 0.3377, 0.3278.

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

43.6955, 0.3377, 0.3278

Protanopia

43.8100, 0.3179, 0.3317

Deuteranopia

43.8019, 0.3357, 0.3291



Tritanopia

43.5248, 0.3291, 0.3114

Trichromacy



Original Color

43.6955, 0.3377, 0.3278

Protanomaly

43.8540, 0.3252, 0.3303

Deuteranomaly

43.9364, 0.3366, 0.3291

Tritanomaly

43.7324, 0.3325, 0.3177

Monochromacy



Original Color

43.6955, 0.3377, 0.3278

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0694, 0.3216, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6955, 0.3377, 0.3278 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(198, 170, 171)` looks like.

```
.text, #text, p{  
    color:rgb(198, 170, 171)  
}
```

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(198, 170, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 170, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.6955, 0.3377, 0.3278 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(198, 170, 171) }
```

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

```
.border{ border-color:rgb(198, 170, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 170, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 170, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 170, 171);  
box-shadow:4px 4px 4px 4px rgb(198, 170,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6955, 0.3377, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 170, 171) }
```

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

```
.background{ background-color: rgb(198,  
170, 171) }
```

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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