

Converting Colors

$Y_{xy}(43.3998, 0.3285, 0.3195)$

Have a look what the booklet for
Yxy(43.3998, 0.3285, 0.3195)
contains.

Yxy(43.3931, 0.3287, 0.3201)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.3931, 0.3287, 0.3201)

Conversions

Conversions Part 1

Format	Color
Hex	C2AAB1
RGB	194, 170, 177
RGB Percent	76%, 67%, 69%
CMY	0.2392, 0.3333, 0.3060
CMYK	0.00, 0.12, 0.09, 0.24
HSL	343°, 16%, 71%
HSV	343°, 12%, 76%
XYZ	44.5589, 43.3931, 47.6090
YIQ	177.9740, 12.0570, 7.2650

Conversions

Conversions Part 2

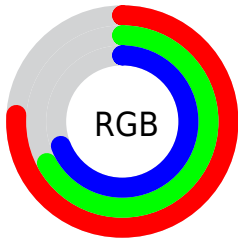
Format	Color
RYB	194, 170, 177
Decimal	12757681
CIELab	71.82, 9.88, -0.39
CIELCh	72, 9.889, 357.769
Yxy	43.3931, 0.3287, 0.3201
Android (android.graphics.Color)	4290947761 (0xFFC2AAB1)
YUV	177.9740, -0.4802, 14.0548
Hunter-Lab	65.8734, 5.4647, 3.2604

Details

The Yxy color **43.3931, 0.3287, 0.3201** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7252, 0.2989, 0.3381**, and the grayscale version is **44.5051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.2428, 0.3257, 0.3210**, and **19.9876, 0.3336, 0.3186** is the 20% darker color. If you saturate the color by 10%, you get **36.1282, 0.3449, 0.3124**, and if you desaturate by 10%, it is **51.7907, 0.3155, 0.3274**.

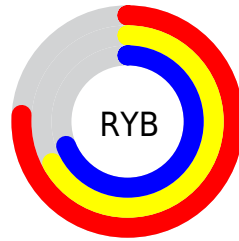
Distribution



Red (76%)

Green (67%)

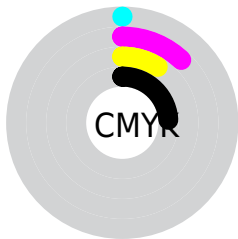
Blue (69%)



Red (76%)

Yellow (67%)

Blue (69%)

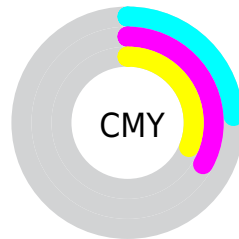


Cyan (0%)

Magenta (12%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3931, 0.3287, 0.3201 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 43.3931, 0.3287, 0.3201 by changing the saturation by 10% instead.


 43.3931, 0.3287,
0.3201

 43.3931, 0.3287,
0.3201


360.2259, 0.3206,
0.3246

 30.1937, 0.3308,
0.3190


 80.3037, 0.3257,
0.3217

 19.9856, 0.3334,
0.3175


104.7837, 0.3246,
0.3224

 12.3846, 0.3370,
0.3155

133.7927, 0.3237,
0.3229

 7.0062, 0.3420,
0.3127

167.7150, 0.3229,
0.3233

 3.4660, 0.3498,
0.3084

206.9351, 0.3222,
0.3237

 1.3796, 0.3630,
0.3012

251.8373, 0.3216,

 0.2016, 0.4914,

0.3240

0.2289

302.8061, 0.3211,
0.3243

0.0000, 0.0000,
0.0000

43.3931, 0.3287,
0.3201

43.3931, 0.3287,
0.3201

36.1282, 0.3449,
0.3124

51.7907, 0.3155,
0.3274

29.9416, 0.3647,
0.3046

61.3608, 0.3047,
0.3341

24.7835, 0.3887,
0.2969

72.1482, 0.2959,
0.3403

20.5974, 0.4171,
0.2900

84.1938, 0.2887,
0.3459

17.3214, 0.4498,
0.2849

89.6332, 0.2819,
0.3387

■ 14.8868, 0.4858,
0.2826

■ 90.2110, 0.2773,
0.3289

■ 13.2144, 0.5227,
0.2842

■ 12.2102, 0.5572,
0.2904

■ 11.7599, 0.5805,
0.2971

Harmonies

Analogous

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



43.3931, 0.3150, 0.3104



43.3931, 0.3287, 0.3201



43.3931, 0.3381, 0.3322

Triad

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



43.3931, 0.3287, 0.3201



43.3931, 0.3241, 0.3537



43.3931, 0.2856, 0.3134

Complementary

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



43.3931, 0.3287, 0.3201



50.7252, 0.2989, 0.3381

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.



43.3931, 0.2879, 0.3250



43.3931, 0.3287, 0.3201



43.3931, 0.3099, 0.3487

Square

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



43.3931, 0.3287, 0.3201



43.3931, 0.3354, 0.3518



43.3931, 0.2968, 0.3380



43.3931, 0.2903, 0.3064

Rectangle

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



43.3931, 0.3287, 0.3201



43.3931, 0.3406, 0.3402



43.3931, 0.2968, 0.3380



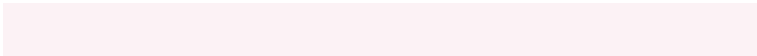
43.3931, 0.2856, 0.3169

Sweetspot

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



43.3950, 0.3287, 0.3201



91.1035, 0.3175, 0.3262



43.1871, 0.3078, 0.2983



19.6851, 0.3185, 0.3256



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.



43.3950, 0.3287, 0.3201



74.6360, 0.3330, 0.3179



44.9575, 0.3341, 0.3352



10.1249, 0.3244, 0.3223



7.7432, 0.5770, 0.2952



0.3469, 0.5114, 0.2591

Inverse Universe

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



43.3950, 0.3287, 0.3201



74.6360, 0.3330, 0.3179



48.9280, 0.2939, 0.3227



10.1249, 0.3244, 0.3223



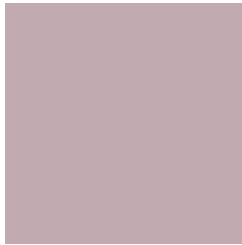
7.7432, 0.5770, 0.2952



0.3469, 0.5114, 0.2591

Previews

White Background



This preview shows how the Yxy color 43.3931, 0.3287, 0.3201 looks on a white background.

Color Contrast Check

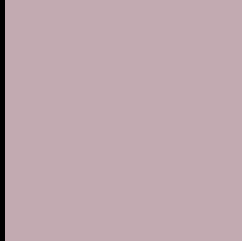
Large Text (above 18pt) WCAG AA × Fail

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 43.3931, 0.3287, 0.3201 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 43.3931, 0.3287, 0.3201

Background



This preview shows how black text looks on a background with the Yxy color 43.3931, 0.3287, 0.3201.



This preview shows how white text looks on a background with the Yxy color 43.3931, 0.3287, 0.3201.

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

43.3931, 0.3287, 0.3201

Protanopia

43.4202, 0.3113, 0.3223

Deuteranopia

43.6376, 0.3276, 0.3213



Tritanopia

43.3554, 0.3253, 0.3125

Trichromacy



Original Color

43.3931, 0.3287, 0.3201

Protanomaly

43.3322, 0.3175, 0.3211

Deuteranomaly

43.6376, 0.3276, 0.3213

Tritanomaly

43.2733, 0.3271, 0.3150

Monochromacy



Original Color

43.3931, 0.3287, 0.3201

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0646, 0.3182, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3931, 0.3287, 0.3201 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(194, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 177)  
}
```

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(194, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 177) }
```

Border

The CSS property to change the border of an element to Yxy 43.3931, 0.3287, 0.3201 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(194, 170, 177) }
```

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

```
.border{ border-color:rgb(194, 170, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3931, 0.3287, 0.3201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 177) }
```

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

```
.background{ background-color: rgb(194,  
170, 177) }
```

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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