

Converting Colors

$Yxy(44.8897, 0.3303, 0.3236)$

Have a look what the booklet for
Yxy(44.8897, 0.3303, 0.3236)
contains.

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Color

Yxy(44.9318, 0.3310, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	C5ADB1
RGB	197, 173, 177
RGB Percent	77%, 68%, 69%
CMY	0.2275, 0.3215, 0.3059
CMYK	0.00, 0.12, 0.10, 0.23
HSL	350°, 17%, 73%
HSV	350°, 12%, 77%
XYZ	45.9025, 44.9318, 47.8440
YIQ	180.6320, 13.0200, 6.3320

Conversions

Conversions Part 2

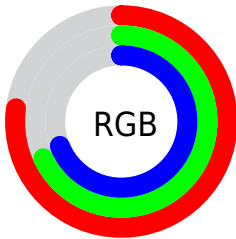
Format	Color
R_{YB}	197, 173, 177
Decimal	12955057
CIE Lab	72.85, 9.32, 1.13
CIE LCh	73, 9.394, 6.937
Yxy	44.9318, 0.3310, 0.3240
Android (android.graphics.Color)	4291145137 (0xFFC5ADB1)
YUV	180.6320, -1.7906, 14.3547
Hunter-Lab	67.0312, 4.9311, 4.6031

Details

The Yxy color **44.9318, 0.3310, 0.3240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.6638, 0.2970, 0.3341**, and the grayscale version is **46.0043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4408, 0.3276, 0.3241**, and **20.9696, 0.3368, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **37.3111, 0.3500, 0.3196**, and if you desaturate by 10%, it is **53.7491, 0.3156, 0.3281**.

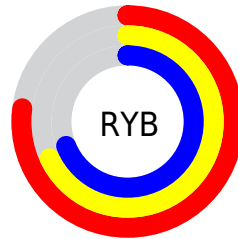
Distribution



Red (77%)

Green (68%)

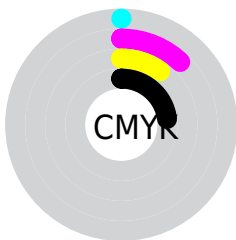
Blue (69%)



Red (77%)

Yellow (68%)

Blue (69%)

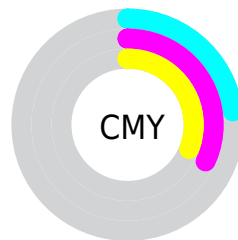


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (23%)



Cyan (23%)


Magenta (32%)


Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9318, 0.3310, 0.3240 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 44.9318, 0.3310, 0.3240 by changing the saturation by 10% instead.


 44.9318, 0.3310,
0.3240

 44.9318, 0.3310,
0.3240


366.4973, 0.3218,
0.3266

 31.4037, 0.3333,
0.3233


 82.6181, 0.3276,
0.3249

 20.9065, 0.3363,
0.3225


107.5450, 0.3264,
0.3253

 13.0556, 0.3404,
0.3213


137.0404, 0.3253,
0.3256

 7.4669, 0.3461,
0.3197

171.4886, 0.3244,
0.3258

 3.7558, 0.3547,
0.3172

211.2740, 0.3236,
0.3261

 1.5379, 0.3694,
0.3128

256.7809, 0.3229,

 0.3152, 0.4766,

0.3262

0.2849

308.3939, 0.3223,
0.3264

0.0000, 0.0000,
0.0000

44.9318, 0.3310,
0.3240

44.9318, 0.3310,
0.3240

37.3111, 0.3500,
0.3196

53.7491, 0.3156,
0.3281

30.8298, 0.3735,
0.3151

63.8054, 0.3032,
0.3320

25.4348, 0.4021,
0.3108

75.1481, 0.2932,
0.3355

21.0664, 0.4363,
0.3071

87.8206, 0.2850,
0.3386

17.6592, 0.4755,
0.3046

90.6089, 0.2789,
0.3289

■ 15.1401, 0.5179,
0.3042

■ 13.4258, 0.5595,
0.3067

■ 12.4165, 0.5952,
0.3120

■ 11.9772, 0.6167,
0.3171

Harmonies

Analogous

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



44.9318, 0.3190, 0.3139



44.9318, 0.3310, 0.3240



44.9318, 0.3380, 0.3355

Triad

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



44.9318, 0.3310, 0.3240



44.9318, 0.3195, 0.3514



44.9318, 0.2879, 0.3118

Complementary

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



44.9318, 0.3310, 0.3240



52.6638, 0.2970, 0.3341

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.



44.9318, 0.2881, 0.3216



44.9318, 0.3310, 0.3240



44.9318, 0.3061, 0.3449

Square

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



44.9318, 0.3310, 0.3240



44.9318, 0.3313, 0.3516



44.9318, 0.2946, 0.3338



44.9318, 0.2942, 0.3068

Rectangle

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



44.9318, 0.3310, 0.3240



44.9318, 0.3389, 0.3426



44.9318, 0.2946, 0.3338



44.9318, 0.2872, 0.3146

Sweetspot

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



44.9338, 0.3310, 0.3240



93.1281, 0.3183, 0.3274



45.2581, 0.3106, 0.2990



19.6654, 0.3194, 0.3271



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.



44.9338, 0.3310, 0.3240



76.0902, 0.3364, 0.3227



47.9354, 0.3332, 0.3392



10.6652, 0.3264, 0.3252



7.8873, 0.6140, 0.3156



0.3827, 0.5607, 0.2862

Inverse Universe

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



44.9338, 0.3310, 0.3240



76.0902, 0.3364, 0.3227



49.3097, 0.2941, 0.3186



10.6652, 0.3264, 0.3252



7.8873, 0.6140, 0.3156



0.3827, 0.5607, 0.2862

Previews

White Background



This preview shows how the Yxy color 44.9318, 0.3310, 0.3240 looks on a white background.

Color Contrast Check

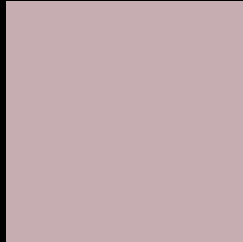
Large Text (above 18pt) WCAG AA × Fail

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 44.9318, 0.3310, 0.3240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

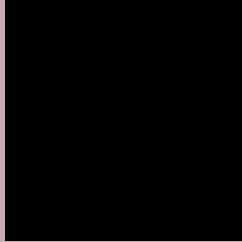
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9318, 0.3310, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 44.9318, 0.3310, 0.3240.



This preview shows how white text looks on a background with the Yxy color 44.9318, 0.3310, 0.3240.

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

44.9318, 0.3310, 0.3240

Protanopia

45.0812, 0.3146, 0.3264

Deuteranopia

44.9318, 0.3310, 0.3240



Tritanopia

45.0136, 0.3251, 0.3127

Trichromacy



Original Color

44.9318, 0.3310, 0.3240

Protanomaly

44.8701, 0.3200, 0.3251

Deuteranomaly

44.9318, 0.3310, 0.3240

Tritanomaly

44.8882, 0.3277, 0.3165

Monochromacy



Original Color

44.9318, 0.3310, 0.3240

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.7009, 0.3189, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9318, 0.3310, 0.3240 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(197, 173, 177)` looks like.

```
.text, #text, p{  
    color:rgb(197, 173, 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(197, 173, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 173, 177) }
```

Border

The CSS property to change the border of an element to Yxy 44.9318, 0.3310, 0.3240 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(197, 173, 177) }
```

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

```
.border{ border-color:rgb(197, 173, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 173, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 173, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 173, 177);  
box-shadow:4px 4px 4px 4px rgb(197, 173,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9318, 0.3310, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 173, 177) }
```

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

```
.background{ background-color: rgb(197,  
173, 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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