

Converting Colors

Yxy(44.9601, 0.3273, 0.3239)

Have a look what the booklet for
Yxy(44.9601, 0.3273, 0.3239)
contains.

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Color

Yxy(44.9558, 0.3273, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	C2AEB2
RGB	194, 174, 178
RGB Percent	76%, 68%, 70%
CMY	0.2391, 0.3177, 0.3019
CMYK	0.00, 0.10, 0.08, 0.24
HSL	348°, 14%, 72%
HSV	348°, 10%, 76%
XYZ	45.4277, 44.9558, 48.4118
YIQ	180.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

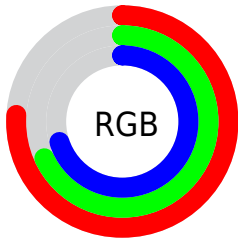
Format	Color
RYB	194, 174, 178
Decimal	12758706
CIELab	72.86, 7.90, 0.56
CIElCh	73, 7.919, 4.075
Yxy	44.9558, 0.3273, 0.3239
Android (android.graphics.Color)	4290948786 (0xFFC2AEB2)
YUV	180.4360, -1.2009, 11.8956
Hunter-Lab	67.0491, 3.6030, 4.1249

Details

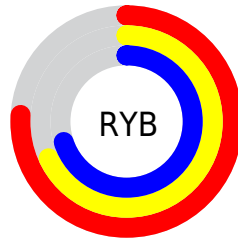
The Yxy color **44.9558, 0.3273, 0.3239** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3142, 0.2999, 0.3342**, and the grayscale version is **45.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4884, 0.3247, 0.3241**, and **20.9752, 0.3316, 0.3238** is the 20% darker color. If you saturate the color by 10%, you get **37.4066, 0.3448, 0.3186**, and if you desaturate by 10%, it is **53.6623, 0.3131, 0.3288**.

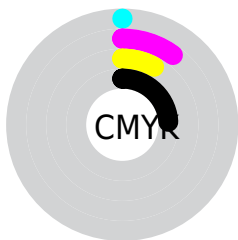
Distribution



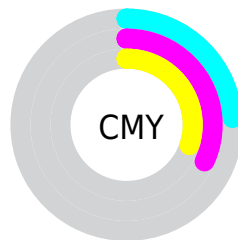
- Red (76%)
- Green (68%)
- Blue (70%)



- Red (76%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (8%)
- Black (24%)





- Cyan (24%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9558, 0.3273, 0.3239 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 44.9558, 0.3273, 0.3239 by changing the saturation by 10% instead.


 44.9558, 0.3273,
0.3239

 44.9558, 0.3273,
0.3239


366.5945, 0.3200,
0.3265

 31.4226, 0.3292,
0.3232

 82.6541, 0.3246,
0.3248

 20.9209, 0.3315,
0.3224


107.5880, 0.3236,
0.3252

 13.0662, 0.3348,
0.3212


137.0909, 0.3228,
0.3255

 7.4741, 0.3393,
0.3196

171.5472, 0.3220,
0.3258

 3.7603, 0.3461,
0.3172

211.3413, 0.3214,
0.3260

 1.5404, 0.3578,
0.3129

256.8577, 0.3209,

 0.3169, 0.4424,

0.3262

0.2838

308.4806, 0.3204,
0.3263

0.0000, 0.0000,
0.0000

44.9558, 0.3273,
0.3239

44.9558, 0.3273,
0.3239

37.4066, 0.3448,
0.3186

53.6623, 0.3131,
0.3288

30.9603, 0.3664,
0.3132

63.5657, 0.3017,
0.3334

25.5667, 0.3927,
0.3079

74.7114, 0.2923,
0.3376

21.1697, 0.4242,
0.3031

87.1403, 0.2847,
0.3414

17.7078, 0.4607,
0.2996

90.2138, 0.2773,
0.3289

■ 15.1126, 0.5010,
0.2982

■ 13.3065, 0.5420,
0.3000

■ 12.1978, 0.5792,
0.3052

■ 11.6202, 0.6079,
0.3123

Harmonies

Analogous

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



44.9558, 0.3170, 0.3156



44.9558, 0.3273, 0.3239



44.9558, 0.3337, 0.3337

Triad

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



44.9558, 0.3273, 0.3239



44.9558, 0.3195, 0.3481



44.9558, 0.2915, 0.3152

Complementary

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



44.9558, 0.3273, 0.3239



51.3142, 0.2999, 0.3342

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.



44.9558, 0.2922, 0.3238



44.9558, 0.3273, 0.3239



44.9558, 0.3082, 0.3430

Square

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



44.9558, 0.3273, 0.3239



44.9558, 0.3291, 0.3478



44.9558, 0.2982, 0.3340



44.9558, 0.2964, 0.3105

Rectangle

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



44.9558, 0.3273, 0.3239



44.9558, 0.3348, 0.3398



44.9558, 0.2982, 0.3340



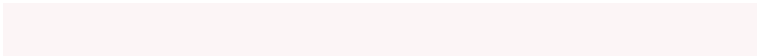
44.9558, 0.2911, 0.3177

Sweetspot

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



44.9578, 0.3273, 0.3239



92.6880, 0.3167, 0.3275



45.0729, 0.3101, 0.3036



20.0087, 0.3178, 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.



44.9578, 0.3273, 0.3239



78.7200, 0.3303, 0.3229



47.0390, 0.3299, 0.3363



10.1103, 0.3258, 0.3244



7.6466, 0.6050, 0.3106



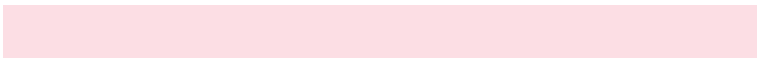
0.3404, 0.5432, 0.2766

Inverse Universe

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



44.9578, 0.3273, 0.3239



78.7200, 0.3303, 0.3229



49.0126, 0.2969, 0.3216



10.1103, 0.3258, 0.3244



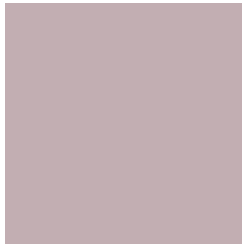
7.6466, 0.6050, 0.3106



0.3404, 0.5432, 0.2766

Previews

White Background



This preview shows how the Yxy color 44.9558, 0.3273, 0.3239 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 44.9558, 0.3273, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

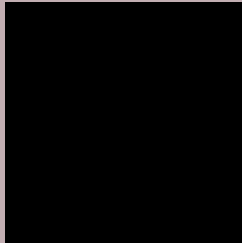
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9558, 0.3273, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 44.9558, 0.3273, 0.3239.



This preview shows how white text looks on a background with the Yxy color 44.9558, 0.3273, 0.3239.

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

44.9558, 0.3273, 0.3239

Protanopia

45.0812, 0.3146, 0.3264

Deuteranopia

44.8373, 0.3292, 0.3227



Tritanopia

45.0344, 0.3215, 0.3126

Trichromacy



Original Color

44.9558, 0.3273, 0.3239

Protanomaly

45.1381, 0.3190, 0.3264

Deuteranomaly

44.7036, 0.3283, 0.3227

Tritanomaly

44.9081, 0.3240, 0.3164

Monochromacy



Original Color

44.9558, 0.3273, 0.3239

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.4098, 0.3180, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9558, 0.3273, 0.3239 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, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(194, 174, 178)  
}
```

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, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 174, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.9558, 0.3273, 0.3239 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, 174, 178) }
```

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

```
.border{ border-color:rgb(194, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(194, 174,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9558, 0.3273, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 174, 178) }
```

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

```
.background{ background-color: rgb(194,  
174, 178) }
```

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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