

Converting Colors

$Yxy(44.8373, 0.3292, 0.3227)$

Have a look what the booklet for
Yxy(44.8373, 0.3292, 0.3227)
contains.

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Color

Yxy(44.8373, 0.3292, 0.3227)

Conversions

Conversions Part 1

Format	Color
Hex	C4ADB2
RGB	196, 173, 178
RGB Percent	77%, 68%, 70%
CMY	0.2315, 0.3215, 0.3019
CMYK	0.00, 0.12, 0.09, 0.23
HSL	347°, 16%, 72%
HSV	347°, 12%, 77%
XYZ	45.7404, 44.8373, 48.3665
YIQ	180.4470, 12.1030, 6.4310

Conversions

Conversions Part 2

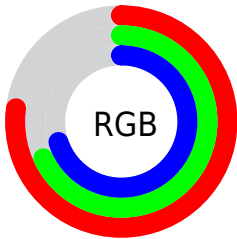
Format	Color
R _Y B	196, 173, 178
Decimal	12889522
CIE Lab	72.78, 9.13, 0.48
CIE LCh	73, 9.144, 2.982
Yxy	44.8373, 0.3292, 0.3227
Android (android.graphics.Color)	4291079602 (0xFFC4ADB2)
YUV	180.4470, -1.2064, 13.6400
Hunter-Lab	66.9607, 4.7512, 4.0466

Details

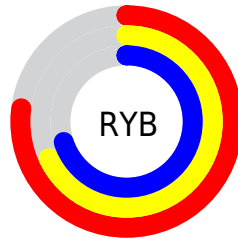
The Yxy color $44.8373, 0.3292, 0.3227$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.1162, 0.2984, 0.3354$, and the grayscale version is $45.8963, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3100, 0.3262, 0.3231$, and $20.9062, 0.3343, 0.3222$ is the 20% darker color. If you saturate the color by 10%, you get $37.2838, 0.3469, 0.3170$, and if you desaturate by 10%, it is $53.5661, 0.3149, 0.3281$.

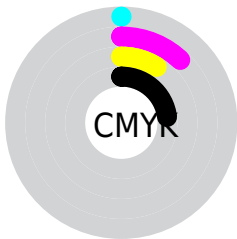
Distribution



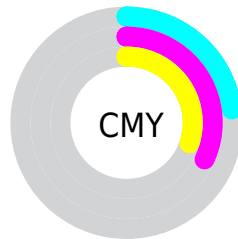
- Red (77%)
- Green (68%)
- Blue (70%)



- Red (77%)
- Yellow (68%)
- Blue (70%)



- Cyan (0%)
- Magenta (12%)
- Yellow (9%)
- Black (23%)




- Cyan (23%)
- Magenta (32%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8373, 0.3292, 0.3227 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 44.8373, 0.3292, 0.3227 by changing the saturation by 10% instead.

 44.8373, 0.3292,
0.3227

 44.8373, 0.3292,
0.3227


366.1142, 0.3209,
0.3259

 31.3293, 0.3313,
0.3219


 82.4762, 0.3262,
0.3239

 20.8497, 0.3340,
0.3208


107.3759, 0.3250,
0.3243

 13.0142, 0.3376,
0.3194


136.8416, 0.3241,
0.3247

 7.4383, 0.3428,
0.3174

171.2577, 0.3233,
0.3250

 3.7377, 0.3505,
0.3144

211.0087, 0.3225,
0.3253

 1.5279, 0.3637,
0.3092

256.4788, 0.3219,

 0.3083, 0.4579,

0.3255

0.2736

308.0525, 0.3214,
0.3257

0.0000, 0.0000,
0.0000

44.8373, 0.3292,
0.3227

44.8373, 0.3292,
0.3227

37.2838, 0.3469,
0.3170

53.5661, 0.3149,
0.3281

30.8495, 0.3686,
0.3111

63.5112, 0.3033,
0.3331

25.4829, 0.3950,
0.3053

74.7191, 0.2938,
0.3377

21.1257, 0.4265,
0.3003

87.2320, 0.2861,
0.3419

17.7142, 0.4629,
0.2966

90.4523, 0.2785,
0.3292

■ 15.1776, 0.5027,
0.2954

■ 90.4728, 0.2784,
0.3289

■ 13.4347, 0.5429,
0.2975

■ 12.3892, 0.5790,
0.3034

■ 11.9045, 0.6036,
0.3099

Harmonies

Analogous

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



44.8373, 0.3172, 0.3132



44.8373, 0.3292, 0.3227



44.8373, 0.3368, 0.3339

Triad

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



44.8373, 0.3292, 0.3227



44.8373, 0.3210, 0.3512



44.8373, 0.2882, 0.3133

Complementary

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



44.8373, 0.3292, 0.3227



52.1162, 0.2984, 0.3354

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.



44.8373, 0.2892, 0.3233



44.8373, 0.3292, 0.3227



44.8373, 0.3079, 0.3456

Square

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



44.8373, 0.3292, 0.3227



44.8373, 0.3320, 0.3506



44.8373, 0.2964, 0.3352



44.8373, 0.2936, 0.3077

Rectangle

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



44.8373, 0.3292, 0.3227



44.8373, 0.3383, 0.3410



44.8373, 0.2964, 0.3352



44.8373, 0.2878, 0.3162

Sweetspot

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



44.8393, 0.3292, 0.3227



93.1604, 0.3180, 0.3269



44.9034, 0.3094, 0.3001



19.6735, 0.3190, 0.3265



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.



44.8393, 0.3292, 0.3227



77.6294, 0.3333, 0.3213



47.0453, 0.3326, 0.3368



10.1130, 0.3255, 0.3240



7.6618, 0.6003, 0.3081



0.3416, 0.5369, 0.2731

Inverse Universe

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



44.8393, 0.3292, 0.3227



77.6294, 0.3333, 0.3213



49.6336, 0.2948, 0.3210



10.1130, 0.3255, 0.3240



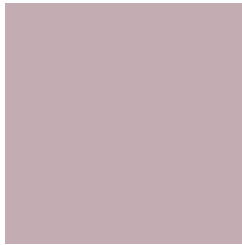
7.6618, 0.6003, 0.3081



0.3416, 0.5369, 0.2731

Previews

White Background



This preview shows how the Yxy color 44.8373, 0.3292, 0.3227 looks on a white background.

Color Contrast Check

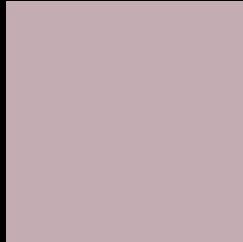
Large Text (above 18pt) WCAG AA × Fail

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 44.8373, 0.3292, 0.3227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

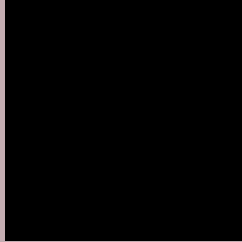
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8373, 0.3292, 0.3227

Background



This preview shows how black text looks on a background with the Yxy color 44.8373, 0.3292, 0.3227.



This preview shows how white text looks on a background with the Yxy color 44.8373, 0.3292, 0.3227.

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

44.8373, 0.3292, 0.3227

Protanopia

45.0007, 0.3129, 0.3251

Deuteranopia

44.8373, 0.3292, 0.3227



Tritanopia

44.8781, 0.3242, 0.3127

Trichromacy



Original Color

44.8373, 0.3292, 0.3227

Protanomaly

44.7851, 0.3182, 0.3238

Deuteranomaly

44.8373, 0.3292, 0.3227

Tritanomaly

44.7528, 0.3268, 0.3164

Monochromacy



Original Color

44.8373, 0.3292, 0.3227

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.1381, 0.3190, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8373, 0.3292, 0.3227 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, 173, 178)` looks like.

```
.text, #text, p{  
    color:rgb(196, 173, 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(196, 173, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 173, 178) }
```

Border

The CSS property to change the border of an element to Yxy 44.8373, 0.3292, 0.3227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

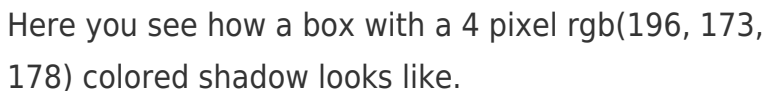
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 173, 178) }
```

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

```
.border{ border-color:rgb(196, 173, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 173, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 173, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 173, 178); box-shadow:4px 4px 4px 4px rgb(196, 173, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8373, 0.3292, 0.3227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 173, 178) }
```

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

```
.background{ background-color: rgb(196,  
173, 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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