

Converting Colors

$Yxy(42.3427, 0.3371, 0.3193)$

Have a look what the booklet for
Yxy(42.3427, 0.3371, 0.3193)
contains.

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Color

Yxy(42.4317, 0.3375, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	C7A6AD
RGB	199, 166, 173
RGB Percent	78%, 65%, 68%
CMY	0.2197, 0.3489, 0.3216
CMYK	0.00, 0.17, 0.13, 0.22
HSL	347°, 23%, 72%
HSV	347°, 17%, 78%
XYZ	44.7242, 42.4317, 45.3603
YIQ	176.6650, 17.4210, 9.1730

Conversions

Conversions Part 2

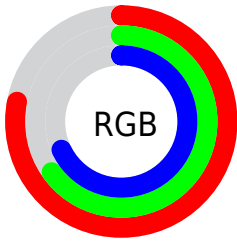
Format	Color
R_{YB}	199, 166, 173
Decimal	13084333
CIE _{Lab}	71.17, 13.18, 0.92
CIE _{LCh}	71, 13.210, 3.981
Yxy	42.4317, 0.3375, 0.3202
Android (android.graphics.Color)	4291274413 (0xFFC7A6AD)
YUV	176.6650, -1.8068, 19.5878
Hunter-Lab	65.1396, 8.5620, 4.3108

Details

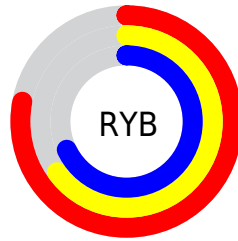
The Yxy color $42.4317, 0.3375, 0.3202$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $52.7461, 0.2926, 0.3380$, and the grayscale version is $43.7835, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.5743, 0.3324, 0.3221$, and $19.4348, 0.3449, 0.3170$ is the 20% darker color. If you saturate the color by 10%, you get $35.1776, 0.3572, 0.3145$, and if you desaturate by 10%, it is $50.8800, 0.3215, 0.3256$.

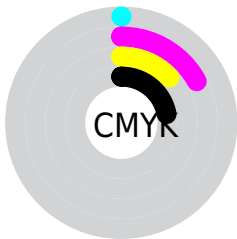
Distribution



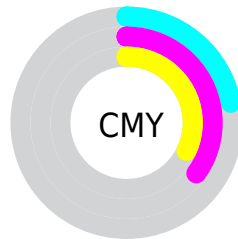
- Red (78%)
- Green (65%)
- Blue (68%)



- Red (78%)
- Yellow (65%)
- Blue (68%)



- Cyan (0%)
- Magenta (17%)
- Yellow (13%)
- Black (22%)




- Cyan (22%)
- Magenta (35%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4317, 0.3375, 0.3202 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 42.4317, 0.3375, 0.3202 by changing the saturation by 10% instead.


 42.4317, 0.3375,
0.3202


 42.4317, 0.3375,
0.3202


356.2694, 0.3249,
0.3247

 29.4395, 0.3407,
0.3190


 78.8526, 0.3329,
0.3219

 19.4135, 0.3449,
0.3175


 103.0500, 0.3311,
0.3225

 11.9695, 0.3506,
0.3155


131.7513, 0.3297,
0.3230

 6.7229, 0.3586,
0.3125

165.3408, 0.3284,
0.3235

 3.2894, 0.3710,
0.3079

204.2030, 0.3274,
0.3238

 1.2846, 0.3925,
0.2999

248.7222, 0.3264,

 0.1293, 0.6835,

0.3242

0.1987

299.2829, 0.3256,
0.3245

0.0000, 0.0000,
0.0000

42.4317, 0.3375,
0.3202

42.4317, 0.3375,
0.3202

35.1776, 0.3572,
0.3145

50.8800, 0.3215,
0.3256

29.0583, 0.3814,
0.3088

60.5672, 0.3086,
0.3307

24.0179, 0.4105,
0.3035

71.5425, 0.2981,
0.3354

19.9932, 0.4449,
0.2991

83.8508, 0.2895,
0.3396

16.9147, 0.4836,
0.2967

90.6499, 0.2818,
0.3326

■ 14.7041, 0.5243,
0.2971

■ 90.8775, 0.2800,
0.3289

■ 13.2703, 0.5633,
0.3010

■ 12.4951, 0.5959,
0.3084

■ 12.3051, 0.6055,
0.3109

Harmonies

Analogous

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



42.4317, 0.3198, 0.3065



42.4317, 0.3375, 0.3202



42.4317, 0.3486, 0.3365

Triad

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



42.4317, 0.3375, 0.3202



42.4317, 0.3241, 0.3619



42.4317, 0.2770, 0.3054

Complementary

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



42.4317, 0.3375, 0.3202



52.7461, 0.2926, 0.3380

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.



42.4317, 0.2781, 0.3198



42.4317, 0.3375, 0.3202



42.4317, 0.3049, 0.3532

Square

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



42.4317, 0.3375, 0.3202



42.4317, 0.3406, 0.3610



42.4317, 0.2882, 0.3375



42.4317, 0.2851, 0.2977

Rectangle

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



42.4317, 0.3375, 0.3202



42.4317, 0.3505, 0.3468



42.4317, 0.2882, 0.3375



42.4317, 0.2763, 0.3095

Sweetspot

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



42.4336, 0.3375, 0.3202



91.5025, 0.3194, 0.3264



42.5855, 0.3083, 0.2876



19.3394, 0.3204, 0.3260



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.



42.4336, 0.3375, 0.3202



69.3409, 0.3444, 0.3181



45.6895, 0.3420, 0.3409



10.6730, 0.3257, 0.3241



7.9261, 0.6023, 0.3092



0.3862, 0.5433, 0.2767

Inverse Universe

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



42.4336, 0.3375, 0.3202



69.3409, 0.3444, 0.3181



48.8984, 0.2874, 0.3167



10.6730, 0.3257, 0.3241



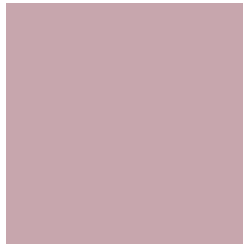
7.9261, 0.6023, 0.3092



0.3862, 0.5433, 0.2767

Previews

White Background



This preview shows how the Yxy color 42.4317, 0.3375, 0.3202 looks on a white background.

Color Contrast Check

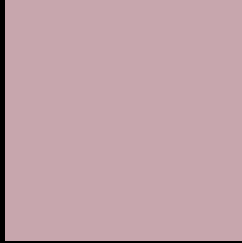
Large Text (above 18pt) WCAG AA × Fail

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 42.4317, 0.3375, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

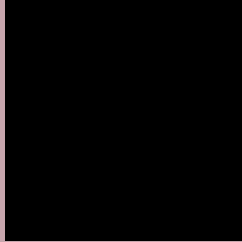
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4317, 0.3375, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 42.4317, 0.3375, 0.3202.



This preview shows how white text looks on a background with the Yxy color 42.4317, 0.3375, 0.3202.

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

42.4317, 0.3375, 0.3202

Protanopia

42.7935, 0.3129, 0.3250

Deuteranopia

42.5610, 0.3314, 0.3252



Tritanopia

42.4040, 0.3341, 0.3126

Trichromacy



Original Color

42.4317, 0.3375, 0.3202

Protanomaly

42.5747, 0.3212, 0.3224

Deuteranomaly

42.5859, 0.3343, 0.3239

Tritanomaly

42.3242, 0.3359, 0.3151

Monochromacy



Original Color

42.4317, 0.3375, 0.3202

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3360, 0.3210, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4317, 0.3375, 0.3202 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(199, 166, 173)` looks like.

```
.text, #text, p{  
    color:rgb(199, 166, 173)  
}
```

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(199, 166, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 166, 173) }
```

Border

The CSS property to change the border of an element to Yxy 42.4317, 0.3375, 0.3202 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(199, 166, 173) }
```

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

```
.border{ border-color:rgb(199, 166, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 166, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 166, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 166, 173);  
box-shadow:4px 4px 4px 4px rgb(199, 166,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4317, 0.3375, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 166, 173) }
```

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

```
.background{ background-color: rgb(199,  
166, 173) }
```

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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