

Converting Colors

$Y_{xy}(42.4379, 0.3298, 0.3200)$

Have a look what the booklet for
Yxy(42.4379, 0.3298, 0.3200)
contains.

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Color

Yxy(42.4379, 0.3298, 0.3200)

Conversions

Conversions Part 1

Format	Color
Hex	C1A8AF
RGB	193, 168, 175
RGB Percent	76%, 66%, 69%
CMY	0.2430, 0.3412, 0.3137
CMYK	0.00, 0.13, 0.09, 0.24
HSL	343°, 17%, 71%
HSV	343°, 13%, 76%
XYZ	43.7376, 42.4379, 46.4430
YIQ	176.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

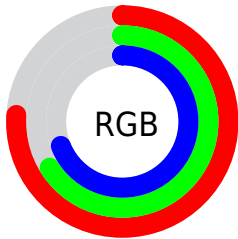
Format	Color
R_{YB}	193, 168, 175
Decimal	12691631
CIE Lab	71.17, 10.28, -0.25
CIE LCh	71, 10.282, 358.581
Yxy	42.4379, 0.3298, 0.3200
Android (android.graphics.Color)	4290881711 (0xFFC1A8AF)
YUV	176.2730, -0.6276, 14.6696
Hunter-Lab	65.1444, 5.8412, 3.3318

Details

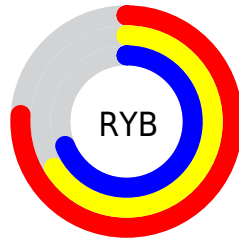
The Yxy color $42.4379, 0.3298, 0.3200$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $50.0221, 0.2981, 0.3382$, and the grayscale version is $43.5665, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.8125, 0.3272, 0.3220$, and $19.4098, 0.3340, 0.3167$ is the 20% darker color. If you saturate the color by 10%, you get $35.3155, 0.3465, 0.3126$, and if you desaturate by 10%, it is $50.6782, 0.3162, 0.3270$.

Distribution



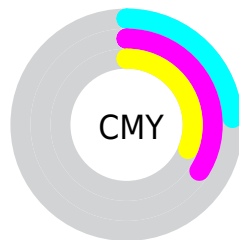
- Red (76%)
- Green (66%)
- Blue (69%)



- Red (76%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (24%)



- Cyan (24%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4379, 0.3298, 0.3200 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 42.4379, 0.3298, 0.3200 by changing the saturation by 10% instead.

 42.4379, 0.3298,
0.3200

 42.4379, 0.3298,
0.3200


356.2950, 0.3211,
0.3246

 29.4443, 0.3320,
0.3188

 78.8619, 0.3266,
0.3217

 19.4172, 0.3349,
0.3173


 103.0612, 0.3254,
0.3223

 11.9721, 0.3388,
0.3153


131.7645, 0.3244,
0.3228

 6.7247, 0.3443,
0.3124

165.3562, 0.3236,
0.3233

 3.2905, 0.3527,
0.3080

204.2207, 0.3228,
0.3237

 1.2852, 0.3674,
0.3003

248.7424, 0.3222,

 0.1297, 0.5644,

0.3240

0.1957

299.3057, 0.3216,
0.3243

0.0000, 0.0000,
0.0000

42.4379, 0.3298,
0.3200

42.4379, 0.3298,
0.3200

35.3155, 0.3465,
0.3126

50.6782, 0.3162,
0.3270

29.2573, 0.3668,
0.3050

60.0759, 0.3052,
0.3335

24.2134, 0.3914,
0.2977

70.6756, 0.2962,
0.3395

20.1279, 0.4206,
0.2911

82.5179, 0.2888,
0.3450

16.9391, 0.4541,
0.2864

89.4234, 0.2821,
0.3401

■ 14.5786, 0.4907,
0.2845

■ 90.0809, 0.2768,
0.3289

■ 12.9675, 0.5281,
0.2865

■ 12.0115, 0.5626,
0.2929

■ 11.6074, 0.5840,
0.2991

Harmonies

Analogous

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



42.4379, 0.3155, 0.3098



42.4379, 0.3298, 0.3200



42.4379, 0.3395, 0.3327

Triad

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



42.4379, 0.3298, 0.3200



42.4379, 0.3242, 0.3549



42.4379, 0.2844, 0.3124

Complementary

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



42.4379, 0.3298, 0.3200



50.0221, 0.2981, 0.3382

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.



42.4379, 0.2866, 0.3244



42.4379, 0.3298, 0.3200



42.4379, 0.3094, 0.3494

Square

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



42.4379, 0.3298, 0.3200



42.4379, 0.3362, 0.3530



42.4379, 0.2957, 0.3381



42.4379, 0.2895, 0.3052

Rectangle

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



42.4379, 0.3298, 0.3200



42.4379, 0.3420, 0.3410



42.4379, 0.2957, 0.3381



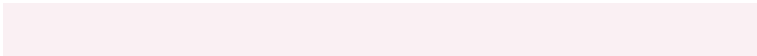
42.4379, 0.2843, 0.3160

Sweetspot

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



42.4398, 0.3298, 0.3200



89.0222, 0.3176, 0.3263



42.2860, 0.3079, 0.2968



18.8462, 0.3185, 0.3257



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.4398, 0.3298, 0.3200



71.5833, 0.3349, 0.3176



44.2160, 0.3351, 0.3361



10.1232, 0.3246, 0.3226



7.7299, 0.5807, 0.2973



0.3461, 0.5149, 0.2610

Inverse Universe

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



42.4398, 0.3298, 0.3200



71.5833, 0.3349, 0.3176



47.9729, 0.2930, 0.3218



10.1232, 0.3246, 0.3226



7.7299, 0.5807, 0.2973



0.3461, 0.5149, 0.2610

Previews

White Background



This preview shows how the Yxy color 42.4379, 0.3298, 0.3200 looks on a white background.

Color Contrast Check

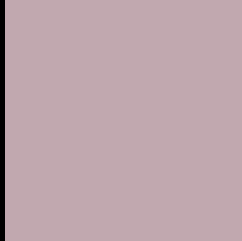
Large Text (above 18pt) WCAG AA × Fail

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 42.4379, 0.3298, 0.3200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

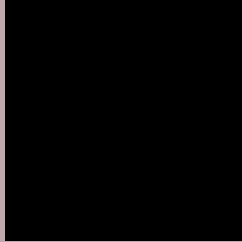
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4379, 0.3298, 0.3200

Background



This preview shows how black text looks on a background with the Yxy color 42.4379, 0.3298, 0.3200.



This preview shows how white text looks on a background with the Yxy color 42.4379, 0.3298, 0.3200.

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

42.4379, 0.3298, 0.3200

Protanopia

42.3316, 0.3113, 0.3223

Deuteranopia

42.5474, 0.3278, 0.3213



Tritanopia

42.4021, 0.3264, 0.3124

Trichromacy



Original Color

42.4379, 0.3298, 0.3200

Protanomaly

42.2452, 0.3176, 0.3211

Deuteranomaly

42.6775, 0.3287, 0.3213

Tritanomaly

42.3211, 0.3282, 0.3149

Monochromacy



Original Color

42.4379, 0.3298, 0.3200

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9668, 0.3183, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4379, 0.3298, 0.3200 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(193, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 175)  
}
```

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(193, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 175) }
```

Border

The CSS property to change the border of an element to Yxy 42.4379, 0.3298, 0.3200 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(193, 168, 175) }
```

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

```
.border{ border-color:rgb(193, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(193, 168,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4379, 0.3298, 0.3200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 175) }
```

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

```
.background{ background-color: rgb(193,  
168, 175) }
```

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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