

Converting Colors

$Y_{xy}(42.2132, 0.3343, 0.3101)$

Have a look what the booklet for
Yxy(42.2132, 0.3343, 0.3101)
contains.

Yxy(42.2231, 0.3343, 0.3102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(42.2231, 0.3343, 0.3102)

Conversions

Conversions Part 1

Format	Color
Hex	C9A4B3
RGB	201, 164, 179
RGB Percent	79%, 64%, 70%
CMY	0.2117, 0.3569, 0.2981
CMYK	0.00, 0.18, 0.11, 0.21
HSL	336°, 26%, 72%
HSV	336°, 18%, 79%
XYZ	45.5035, 42.2231, 48.3891
YIQ	176.7730, 17.2370, 12.5090

Conversions

Conversions Part 2

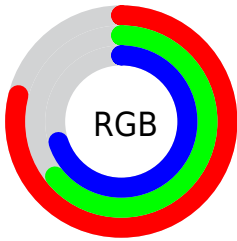
Format	Color
R _Y B	201, 164, 179
Decimal	13214899
CIE Lab	71.02, 16.04, -2.58
CIE LCh	71, 16.247, 350.852
Yxy	42.2231, 0.3343, 0.3102
Android (android.graphics.Color)	4291404979 (0xFFC9A4B3)
YUV	176.7730, 1.0979, 21.2471
Hunter-Lab	64.9793, 11.2856, 1.3331

Details

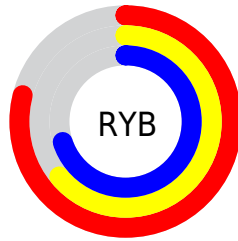
The Yxy color **42.2231, 0.3343, 0.3102** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.2257, 0.2952, 0.3486**, and the grayscale version is **43.8302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9212, 0.3278, 0.3132**, and **19.2977, 0.3416, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **35.1262, 0.3497, 0.2994**, and if you desaturate by 10%, it is **50.5030, 0.3216, 0.3207**.

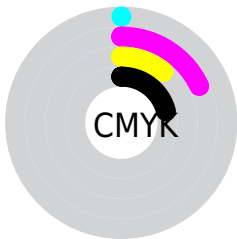
Distribution



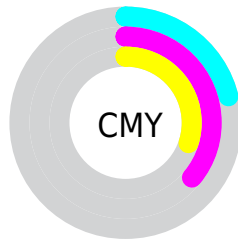
- Red (79%)
- Green (64%)
- Blue (70%)



- Red (79%)
- Yellow (64%)
- Blue (70%)



- Cyan (0%)
- Magenta (18%)
- Yellow (11%)
- Black (21%)





- Cyan (21%)
- Magenta (36%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2231, 0.3343, 0.3102 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 42.2231, 0.3343, 0.3102 by changing the saturation by 10% instead.


 42.2231, 0.3343,
0.3102

 42.2231, 0.3343,
0.3102


355.4069, 0.3234,
0.3197

 29.2760, 0.3371,
0.3078


 78.5372, 0.3303,
0.3136

 19.2897, 0.3406,
0.3048


 102.6729, 0.3288,
0.3149

 11.8798, 0.3455,
0.3007


131.3071, 0.3276,
0.3160

 6.6619, 0.3523,
0.2949

164.8240, 0.3265,
0.3170

 3.2516, 0.3627,
0.2863

203.6080, 0.3255,
0.3178

 1.2644, 0.3804,
0.2718

248.0436, 0.3247,

 0.1134, 0.5447,

0.3185

0.1237

298.5151, 0.3240,
0.3191

0.0000, 0.0000,
0.0000

42.2231, 0.3343,
0.3102

42.2231, 0.3343,
0.3102

35.1262, 0.3497,
0.2994

50.5030, 0.3216,
0.3207

29.1524, 0.3681,
0.2885

60.0112, 0.3112,
0.3305

24.2449, 0.3900,
0.2783

70.7972, 0.3027,
0.3397

20.3395, 0.4153,
0.2695

82.9064, 0.2956,
0.3481

17.3654, 0.4436,
0.2635

90.1629, 0.2895,
0.3461

■ 15.2421, 0.4739,
0.2613

■ 90.8932, 0.2832,
0.3333

■ 13.8753, 0.5043,
0.2642

■ 91.1615, 0.2811,
0.3289

■ 13.1186, 0.5329,
0.2720

■ 13.0208, 0.5373,
0.2734

Harmonies

Analogous

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



42.2231, 0.3108, 0.2961



42.2231, 0.3343, 0.3102



42.2231, 0.3524, 0.3291

Triad

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



42.2231, 0.3343, 0.3102



42.2231, 0.3363, 0.3707



42.2231, 0.2682, 0.3066

Complementary

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



42.2231, 0.3343, 0.3102



53.2257, 0.2952, 0.3486

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.



42.2231, 0.2745, 0.3269



42.2231, 0.3343, 0.3102



42.2231, 0.3133, 0.3652

Square

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



42.2231, 0.3343, 0.3102



42.2231, 0.3533, 0.3642



42.2231, 0.2908, 0.3488



42.2231, 0.2732, 0.2935

Rectangle

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



42.2231, 0.3343, 0.3102



42.2231, 0.3585, 0.3424



42.2231, 0.2908, 0.3488



42.2231, 0.2690, 0.3128

Sweetspot

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



42.2250, 0.3343, 0.3102



90.0508, 0.3190, 0.3230



41.1569, 0.3011, 0.2818



19.0530, 0.3197, 0.3224



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.



42.2250, 0.3343, 0.3102



67.3134, 0.3399, 0.3060



42.7693, 0.3475, 0.3330



10.7069, 0.3227, 0.3197



8.2015, 0.5337, 0.2714



0.4026, 0.4790, 0.2412

Inverse Universe

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



42.2250, 0.3343, 0.3102



67.3134, 0.3399, 0.3060



52.4724, 0.2851, 0.3249



10.7069, 0.3227, 0.3197



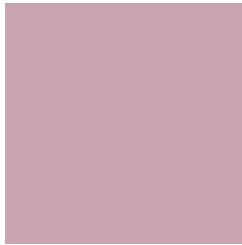
8.2015, 0.5337, 0.2714



0.4026, 0.4790, 0.2412

Previews

White Background



This preview shows how the Yxy color 42.2231, 0.3343, 0.3102 looks on a white background.

Color Contrast Check

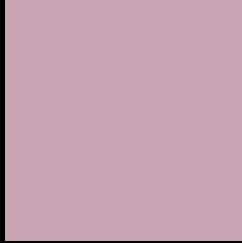
Large Text (above 18pt) WCAG AA × Fail

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 42.2231, 0.3343, 0.3102 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 42.2231, 0.3343, 0.3102

Background



This preview shows how black text looks on a background with the Yxy color 42.2231, 0.3343, 0.3102.



This preview shows how white text looks on a background with the Yxy color 42.2231, 0.3343, 0.3102.

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

42.2231, 0.3343, 0.3102

Protanopia

42.3465, 0.3046, 0.3142

Deuteranopia

42.4091, 0.3233, 0.3173



Tritanopia

42.1428, 0.3361, 0.3127

Trichromacy



Original Color

42.2231, 0.3343, 0.3102

Protanomaly

42.3172, 0.3153, 0.3133

Deuteranomaly

42.1892, 0.3272, 0.3149

Tritanomaly

42.1828, 0.3352, 0.3114

Monochromacy



Original Color

42.2231, 0.3343, 0.3102

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.1585, 0.3203, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2231, 0.3343, 0.3102 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(201, 164, 179)` looks like.

```
.text, #text, p{  
    color:rgb(201, 164, 179)  
}
```

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(201, 164, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 164, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.2231, 0.3343, 0.3102 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(201, 164, 179) }
```

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

```
.border{ border-color:rgb(201, 164, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 164, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 164, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 164, 179);  
box-shadow:4px 4px 4px 4px rgb(201, 164,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2231, 0.3343, 0.3102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 164, 179) }
```

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

```
.background{ background-color: rgb(201,  
164, 179) }
```

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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