

Converting Colors

$Y_{xy}(42.0142, 0.3267, 0.3099)$

Have a look what the booklet for
Yxy(42.0142, 0.3267, 0.3099)
contains.

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Color

Yxy(42.2107, 0.3266, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	C3A6B5
RGB	195, 166, 181
RGB Percent	76%, 65%, 71%
CMY	0.2352, 0.3490, 0.2902
CMYK	0.00, 0.15, 0.07, 0.24
HSL	329°, 19%, 71%
HSV	329°, 15%, 76%
XYZ	44.4854, 42.2107, 49.5114
YIQ	176.3810, 12.4690, 10.8130

Conversions

Conversions Part 2

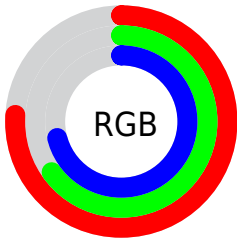
Format	Color
R _Y B	195, 166, 181
Decimal	12822197
CIE Lab	71.02, 13.14, -3.77
CIE LCh	71, 13.668, 343.995
Yxy	42.2107, 0.3266, 0.3099
Android (android.graphics.Color)	4291012277 (0xFFC3A6B5)
YUV	176.3810, 2.2772, 16.3289
Hunter-Lab	64.9698, 8.5234, 0.2958

Details

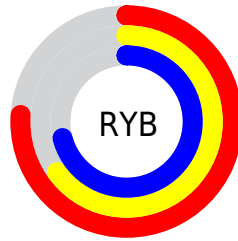
The Yxy color **42.2107, 0.3266, 0.3099** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.4438, 0.3008, 0.3489**, and the grayscale version is **43.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5228, 0.3241, 0.3131**, and **19.2559, 0.3307, 0.3047** is the 20% darker color. If you saturate the color by 10%, you get **35.2777, 0.3383, 0.2963**, and if you desaturate by 10%, it is **50.2488, 0.3169, 0.3229**.

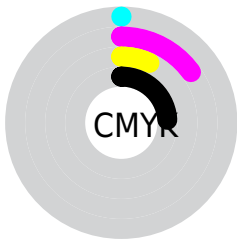
Distribution



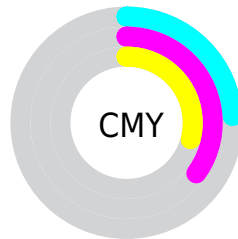
- Red (76%)
- Green (65%)
- Blue (71%)



- Red (76%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (24%)





- Cyan (24%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.2107, 0.3266, 0.3099 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 42.2107, 0.3266, 0.3099 by changing the saturation by 10% instead.


 42.2107, 0.3266,
0.3099

 42.2107, 0.3266,
0.3099


355.3556, 0.3196,
0.3195

 29.2663, 0.3284,
0.3075


 78.5184, 0.3240,
0.3134

 19.2824, 0.3306,
0.3044


 102.6505, 0.3231,
0.3147

 11.8745, 0.3337,
0.3003


131.2807, 0.3223,
0.3158

 6.6583, 0.3380,
0.2945

164.7932, 0.3216,
0.3167

 3.2493, 0.3445,
0.2858

203.5726, 0.3210,
0.3176

 1.2632, 0.3555,
0.2714

248.0032, 0.3205,

 0.1125, 0.4618,

0.3183

0.1215

298.4694, 0.3200,
0.3189

0.0000, 0.0000,
0.0000

42.2107, 0.3266,
0.3099

42.2107, 0.3266,
0.3099

35.2777, 0.3383,
0.2963

50.2488, 0.3169,
0.3229

29.3953, 0.3522,
0.2826

59.4321, 0.3088,
0.3352

24.5131, 0.3685,
0.2693

69.8056, 0.3021,
0.3466

20.5740, 0.3873,
0.2572

81.4100, 0.2966,
0.3571

17.5151, 0.4084,
0.2475

88.7344, 0.2917,
0.3580

■ 15.2659, 0.4312,
0.2414

■ 89.2730, 0.2867,
0.3476

■ 13.7448, 0.4548,
0.2399

■ 89.8407, 0.2819,
0.3374

■ 12.8528, 0.4780,
0.2438

■ 90.3451, 0.2778,
0.3289

■ 12.5391, 0.4897,
0.2471

Harmonies

Analogous

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



42.2107, 0.3066, 0.2992



42.2107, 0.3266, 0.3099



42.2107, 0.3432, 0.3254

Triad

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



42.2107, 0.3266, 0.3099



42.2107, 0.3365, 0.3636



42.2107, 0.2754, 0.3138

Complementary

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



42.2107, 0.3266, 0.3099



50.4438, 0.3008, 0.3489

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.



42.2107, 0.2829, 0.3316



42.2107, 0.3266, 0.3099



42.2107, 0.3179, 0.3612

Square

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



42.2107, 0.3266, 0.3099



42.2107, 0.3490, 0.3563



42.2107, 0.2983, 0.3493



42.2107, 0.2775, 0.3010

Rectangle

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



42.2107, 0.3266, 0.3099



42.2107, 0.3499, 0.3367



42.2107, 0.2983, 0.3493



42.2107, 0.2769, 0.3194

Sweetspot

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



42.2126, 0.3266, 0.3099



91.2440, 0.3161, 0.3240



40.9194, 0.3011, 0.2911



19.7215, 0.3168, 0.3230



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.



42.2126, 0.3266, 0.3099



71.1495, 0.3303, 0.3053



41.6478, 0.3397, 0.3285



10.1628, 0.3210, 0.3172



8.1647, 0.4868, 0.2455



0.3667, 0.4401, 0.2198

Inverse Universe

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



42.2126, 0.3266, 0.3099



71.1495, 0.3303, 0.3053



51.0664, 0.2907, 0.3296



10.1628, 0.3210, 0.3172



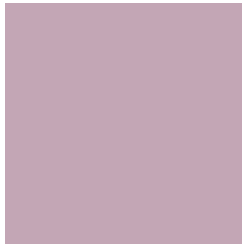
8.1647, 0.4868, 0.2455



0.3667, 0.4401, 0.2198

Previews

White Background



This preview shows how the Yxy color 42.2107, 0.3266, 0.3099 looks on a white background.

Color Contrast Check

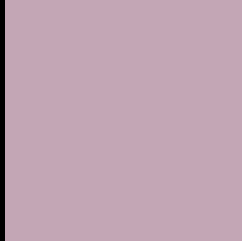
Large Text (above 18pt) WCAG AA × Fail

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 42.2107, 0.3266, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

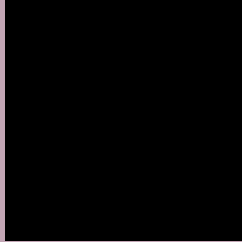
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2107, 0.3266, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 42.2107, 0.3266, 0.3099.



This preview shows how white text looks on a background with the Yxy color 42.2107, 0.3266, 0.3099.

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

42.2107, 0.3266, 0.3099

Protanopia

42.3886, 0.3038, 0.3129

Deuteranopia

42.3626, 0.3207, 0.3147



Tritanopia

42.1292, 0.3283, 0.3124

Trichromacy



Original Color

42.2107, 0.3266, 0.3099

Protanomaly

42.1552, 0.3118, 0.3106

Deuteranomaly

42.3769, 0.3235, 0.3135

Tritanomaly

42.1698, 0.3275, 0.3111

Monochromacy



Original Color

42.2107, 0.3266, 0.3099

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.7867, 0.3176, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2107, 0.3266, 0.3099 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(195, 166, 181)` looks like.

```
.text, #text, p{  
    color:rgb(195, 166, 181)  
}
```

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(195, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 166, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.2107, 0.3266, 0.3099 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(195, 166, 181) }
```

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

```
.border{ border-color:rgb(195, 166, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 166, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(195, 166,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2107, 0.3266, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 166, 181) }
```

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

```
.background{ background-color: rgb(195,  
166, 181) }
```

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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