

Converting Colors

$Y_{xy}(42.0098, 0.3404, 0.3068)$

Have a look what the booklet for
Yxy(42.0098, 0.3404, 0.3068)
contains.

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Color

Yxy(42.0098, 0.3404, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	CFA1B3
RGB	207, 161, 179
RGB Percent	81%, 63%, 70%
CMY	0.1883, 0.3686, 0.2980
CMYK	0.00, 0.22, 0.14, 0.19
HSL	336°, 32%, 72%
HSV	336°, 22%, 81%
XYZ	46.6106, 42.0098, 48.3085
YIQ	176.8060, 21.6380, 15.3500

Conversions

Conversions Part 2

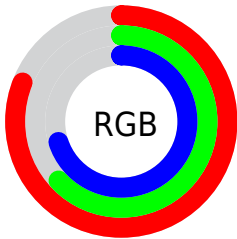
Format	Color
R _Y B	207, 161, 179
Decimal	13607347
CIE Lab	70.88, 19.82, -2.75
CIE LCh	71, 20.010, 352.097
Yxy	42.0098, 0.3404, 0.3068
Android (android.graphics.Color)	4291797427 (0xFFCFA1B3)
YUV	176.8060, 1.0816, 26.4801
Hunter-Lab	64.8150, 14.9391, 1.1799

Details

The Yxy color **42.0098, 0.3404, 0.3068** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.8671, 0.2914, 0.3524**, and the grayscale version is **43.8458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3699, 0.3281, 0.3101**, and **19.1190, 0.3490, 0.3008** is the 20% darker color. If you saturate the color by 10%, you get **34.8793, 0.3573, 0.2962**, and if you desaturate by 10%, it is **50.3880, 0.3264, 0.3171**.

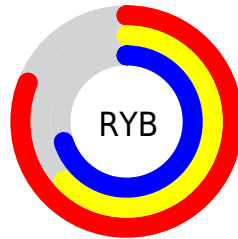
Distribution



Red (81%)

Green (63%)

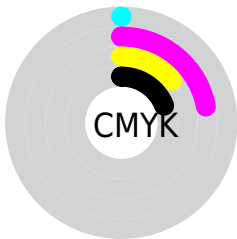
Blue (70%)



Red (81%)

Yellow (63%)

Blue (70%)

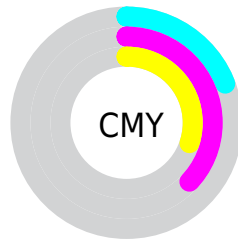


Cyan (0%)

Magenta (22%)

Yellow (14%)

Black (19%)



Cyan (19%)


Magenta (37%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.0098, 0.3404, 0.3068 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 42.0098, 0.3404, 0.3068 by changing the saturation by 10% instead.


 42.0098, 0.3404,
0.3068

 42.0098, 0.3404,
0.3068

354.5236, 0.3264,
0.3180

 29.1090, 0.3440,
0.3040


 78.2145, 0.3353,
0.3109

 19.1633, 0.3486,
0.3004


 102.2871, 0.3334,
0.3124

 11.7883, 0.3547,
0.2956


130.8524, 0.3317,
0.3137

 6.5997, 0.3635,
0.2888

164.2948, 0.3304,
0.3148

 3.2130, 0.3768,
0.2787

202.9988, 0.3292,
0.3157

 1.2439, 0.3995,
0.2617

247.3486, 0.3281,

 0.0972, 0.5931,

0.3166

0.1000

297.7287, 0.3272,
0.3173

0.0000, 0.0000,
0.0000

42.0098, 0.3404,
0.3068

42.0098, 0.3404,
0.3068

34.8793, 0.3573,
0.2962

50.3880, 0.3264,
0.3171

28.9308, 0.3776,
0.2858

60.0643, 0.3150,
0.3269

24.1010, 0.4014,
0.2764

71.0931, 0.3056,
0.3361

20.3184, 0.4287,
0.2688

83.5241, 0.2978,
0.3445

17.5031, 0.4588,
0.2644

91.1915, 0.2912,
0.3426

■ 15.5635, 0.4902,
0.2644

■ 91.9742, 0.2846,
0.3294

■ 14.3901, 0.5208,
0.2696

■ 92.0025, 0.2844,
0.3289

■ 13.8577, 0.5431,
0.2765

Harmonies

Analogous

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



42.0098, 0.3114, 0.2894



42.0098, 0.3404, 0.3068



42.0098, 0.3624, 0.3299

Triad

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



42.0098, 0.3404, 0.3068



42.0098, 0.3405, 0.3807



42.0098, 0.2582, 0.3002

Complementary

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



42.0098, 0.3404, 0.3068



55.8671, 0.2914, 0.3524

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.



42.0098, 0.2652, 0.3249



42.0098, 0.3404, 0.3068



42.0098, 0.3120, 0.3735

Square

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



42.0098, 0.3404, 0.3068



42.0098, 0.3621, 0.3727



42.0098, 0.2846, 0.3524



42.0098, 0.2648, 0.2849

Rectangle

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



42.0098, 0.3404, 0.3068



42.0098, 0.3696, 0.3460



42.0098, 0.2846, 0.3524



42.0098, 0.2590, 0.3077

Sweetspot

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



42.0117, 0.3404, 0.3068



88.4555, 0.3203, 0.3222



40.7646, 0.2989, 0.2714



18.7309, 0.3210, 0.3216



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.



42.0117, 0.3404, 0.3068



61.2512, 0.3487, 0.3014



42.9664, 0.3564, 0.3349



11.8838, 0.3230, 0.3199



8.7502, 0.5395, 0.2746



0.5047, 0.4904, 0.2475

Inverse Universe

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



42.0117, 0.3404, 0.3068



61.2512, 0.3487, 0.3014



54.5032, 0.2796, 0.3230



11.8838, 0.3230, 0.3199



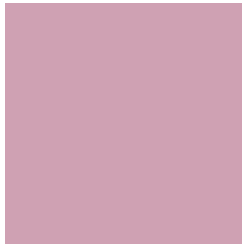
8.7502, 0.5395, 0.2746



0.5047, 0.4904, 0.2475

Previews

White Background



This preview shows how the Yxy color 42.0098, 0.3404, 0.3068 looks on a white background.

Color Contrast Check

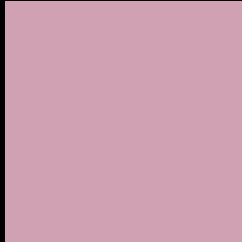
Large Text (above 18pt) WCAG AA × Fail

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 42.0098, 0.3404, 0.3068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

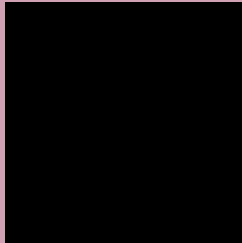
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.0098, 0.3404, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 42.0098, 0.3404, 0.3068.



This preview shows how white text looks on a background with the Yxy color 42.0098, 0.3404, 0.3068.

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

42.0098, 0.3404, 0.3068

Protanopia

42.3165, 0.3022, 0.3116

Deuteranopia

42.0384, 0.3234, 0.3160



Tritanopia

42.0185, 0.3440, 0.3141

Trichromacy



Original Color

42.0098, 0.3404, 0.3068

Protanomaly

42.1091, 0.3154, 0.3107

Deuteranomaly

41.8604, 0.3303, 0.3124

Tritanomaly

42.0971, 0.3421, 0.3117

Monochromacy



Original Color

42.0098, 0.3404, 0.3068

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0315, 0.3222, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.0098, 0.3404, 0.3068 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(207, 161, 179)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 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(207, 161, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 179) }
```

Border

The CSS property to change the border of an element to Yxy 42.0098, 0.3404, 0.3068 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(207, 161, 179) }
```

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

```
.border{ border-color:rgb(207, 161, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 161, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 161, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 161, 179);  
box-shadow:4px 4px 4px 4px rgb(207, 161,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 42.0098, 0.3404, 0.3068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 161, 179) }
```

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

```
.background{ background-color: rgb(207,  
161, 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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