

Converting Colors

Yxy(34.0642, 0.3625, 0.2909)

Have a look what the booklet for
Yxy(34.0642, 0.3625, 0.2909)
contains.

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Color

Yxy(34.2104, 0.3631, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	D388A6
RGB	211, 136, 166
RGB Percent	83%, 53%, 65%
CMY	0.1725, 0.4667, 0.3490
CMYK	0.00, 0.36, 0.21, 0.17
HSL	336°, 46%, 68%
HSV	336°, 36%, 83%
XYZ	42.5550, 34.2104, 40.4337
YIQ	161.8450, 35.0700, 25.2300

Conversions

Conversions Part 2

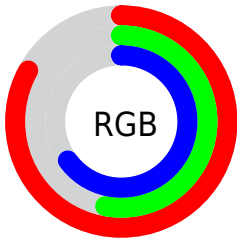
Format	Color
R _Y B	211, 136, 166
Decimal	13863078
CIE Lab	65.13, 32.81, -3.88
CIE LCh	65, 33.041, 353.261
Yxy	34.2104, 0.3631, 0.2919
Android (android.graphics.Color)	4292053158 (0xFFD388A6)
YUV	161.8450, 2.0484, 43.1089
Hunter-Lab	58.4897, 27.5133, -0.0442

Details

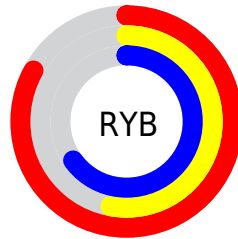
The Yxy color **34.2104, 0.3631, 0.2919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.1700, 0.2802, 0.3699**, and the grayscale version is **36.0337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3074, 0.3416, 0.2975**, and **14.6805, 0.3794, 0.2813** is the 20% darker color. If you saturate the color by 10%, you get **28.4000, 0.3843, 0.2815**, and if you desaturate by 10%, it is **41.2399, 0.3453, 0.3027**.

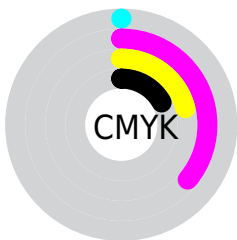
Distribution



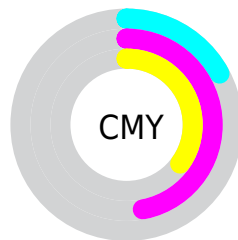
- Red (83%)
- Green (53%)
- Blue (65%)



- Red (83%)
- Yellow (53%)
- Blue (65%)



- Cyan (0%)
- Magenta (36%)
- Yellow (21%)
- Black (17%)





- Cyan (17%)
- Magenta (47%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.2104, 0.3631, 0.2919 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 34.2104, 0.3631, 0.2919 by changing the saturation by 10% instead.


 34.2104, 0.3631,
0.2919

 34.2104, 0.3631,
0.2919


321.0692, 0.3368,
0.3110


 23.0553, 0.3700,
0.2870


 66.2607, 0.3533,
0.2990

 14.6343, 0.3791,
0.2805


 87.9247, 0.3497,
0.3016

 8.5632, 0.3916,
0.2717


 113.8605, 0.3467,
0.3038

 4.4574, 0.4099,
0.2591

144.4523, 0.3441,
0.3057

 1.9326, 0.4389,
0.2396

180.0848, 0.3419,
0.3073

 0.5678, 0.4980,
0.1956

221.1421, 0.3400,

 0.0000, 1.0000,

0.3087

0.0000

268.0088, 0.3383,
0.3099

■ 0.0000, 0.0000,
0.0000

■ 34.2104, 0.3631,
0.2919

■ 34.2104, 0.3631,
0.2919

■ 28.4000, 0.3843,
0.2815

■ 41.2399, 0.3453,
0.3027

■ 23.7335, 0.4090,
0.2724

■ 49.5481, 0.3306,
0.3134

■ 20.1349, 0.4369,
0.2655


■ 59.1969, 0.3185,
0.3236


■ 17.5168, 0.4672,
0.2624


■ 70.2423, 0.3085,
0.3332


■ 15.7780, 0.4981,
0.2639

■ 82.7374, 0.3004,
0.3420

 14.7940, 0.5276,
0.2708

 91.7817, 0.2935,
0.3425

 14.4980, 0.5400,
0.2749

 92.5692, 0.2868,
0.3293

 92.5920, 0.2866,
0.3289

Harmonies

Analogous

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



34.2104, 0.3112, 0.2630



34.2104, 0.3631, 0.2919



34.2104, 0.4024, 0.3298

Triad

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



34.2104, 0.3631, 0.2919



34.2104, 0.3577, 0.4218



34.2104, 0.2199, 0.2755

Complementary

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



34.2104, 0.3631, 0.2919



55.1700, 0.2802, 0.3699

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.



34.2104, 0.2300, 0.3178



34.2104, 0.3631, 0.2919



34.2104, 0.3076, 0.4098

Square

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



34.2104, 0.3631, 0.2919



34.2104, 0.3976, 0.4047



34.2104, 0.2612, 0.3693



34.2104, 0.2316, 0.2520

Rectangle

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



34.2104, 0.3631, 0.2919



34.2104, 0.4142, 0.3570



34.2104, 0.2612, 0.3693



34.2104, 0.2208, 0.2877

Sweetspot

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



34.2120, 0.3631, 0.2919



82.3536, 0.3249, 0.3180



32.1363, 0.2881, 0.2337



17.2004, 0.3266, 0.3166



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.



34.2120, 0.3631, 0.2919



45.3005, 0.3796, 0.2836



35.4242, 0.3940, 0.3387



11.8854, 0.3229, 0.3197



8.7666, 0.5362, 0.2728



0.5057, 0.4877, 0.2460

Inverse Universe

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



34.2120, 0.3631, 0.2919



45.3005, 0.3796, 0.2836



52.8952, 0.2616, 0.3189



11.8854, 0.3229, 0.3197



8.7666, 0.5362, 0.2728



0.5057, 0.4877, 0.2460

Previews

White Background



This preview shows how the Yxy color 34.2104, 0.3631, 0.2919 looks on a white background.

Color Contrast Check

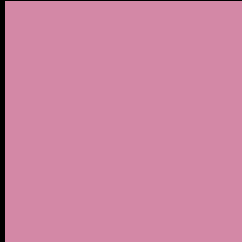
Large Text (above 18pt) WCAG AA × Fail

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 34.2104, 0.3631, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

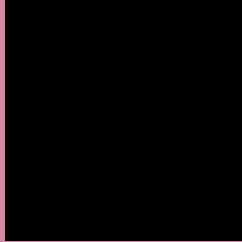
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.2104, 0.3631, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 34.2104, 0.3631, 0.2919.



This preview shows how white text looks on a background with the Yxy color 34.2104, 0.3631, 0.2919.

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

34.2104, 0.3631, 0.2919

Protanopia

34.3372, 0.2918, 0.2972

Deuteranopia

34.5262, 0.3223, 0.3163



Tritanopia

34.1905, 0.3791, 0.3165

Trichromacy



Original Color

34.2104, 0.3631, 0.2919

Protanomaly

33.6648, 0.3153, 0.2943

Deuteranomaly

33.9869, 0.3365, 0.3060

Tritanomaly

34.2452, 0.3738, 0.3078

Monochromacy



Original Color

34.2104, 0.3631, 0.2919

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1301, 0.3304, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2104, 0.3631, 0.2919 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(211, 136, 166)` looks like.

```
.text, #text, p{  
    color:rgb(211, 136, 166)  
}
```

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(211, 136, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 136, 166) }
```

Border

The CSS property to change the border of an element to Yxy 34.2104, 0.3631, 0.2919 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(211, 136, 166) }
```

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

```
.border{ border-color:rgb(211, 136, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 136, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 136, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 136, 166);  
box-shadow:4px 4px 4px 4px rgb(211, 136,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2104, 0.3631, 0.2919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 136, 166) }
```

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

```
.background{ background-color: rgb(211,  
136, 166) }
```

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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