

Converting Colors

Yxy(34.9323, 0.3471, 0.2943)

Have a look what the booklet for
Yxy(34.9323, 0.3471, 0.2943)
contains.

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Color

Yxy(34.9647, 0.3467, 0.2945)

Conversions

Conversions Part 1

Format	Color
Hex	C98FAA
RGB	201, 143, 170
RGB Percent	79%, 56%, 67%
CMY	0.2118, 0.4392, 0.3334
CMYK	0.00, 0.29, 0.15, 0.21
HSL	332°, 35%, 67%
HSV	332°, 29%, 79%
XYZ	41.1622, 34.9647, 42.5988
YIQ	163.4200, 25.9010, 20.6930

Conversions

Conversions Part 2

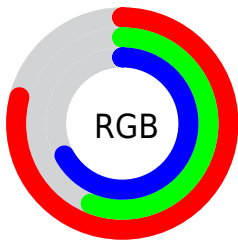
Format	Color
R_{YB}	201, 143, 170
Decimal	13209514
CIE Lab	65.72, 26.04, -5.38
CIE LCh	66, 26.592, 348.331
Yxy	34.9647, 0.3467, 0.2945
Android (android.graphics.Color)	4291399594 (0xFFC98FAA)
YUV	163.4200, 3.2439, 32.9577
Hunter-Lab	59.1310, 20.7781, -1.3217

Details

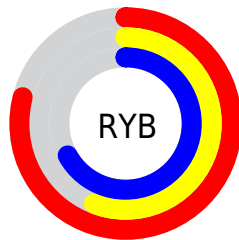
The Yxy color **34.9647, 0.3467, 0.2945** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.6672, 0.2883, 0.3665**, and the grayscale version is **36.8103, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6287, 0.3376, 0.3007**, and **15.0733, 0.3571, 0.2840** is the 20% darker color. If you saturate the color by 10%, you get **29.0717, 0.3633, 0.2821**, and if you desaturate by 10%, it is **41.9753, 0.3328, 0.3069**.

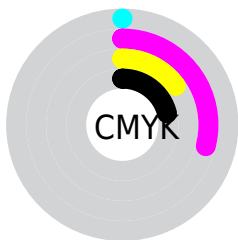
Distribution



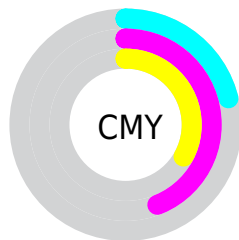
- Red (79%)
- Green (56%)
- Blue (67%)



- Red (79%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (29%)
- Yellow (15%)
- Black (21%)




- Cyan (21%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9647, 0.3467, 0.2945 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 34.9647, 0.3467, 0.2945 by changing the saturation by 10% instead.


 34.9647, 0.3467,
0.2945


 34.9647, 0.3467,
0.2945


324.4125, 0.3291,
0.3121

 23.6357, 0.3513,
0.2900


 67.4311, 0.3402,
0.3010

 15.0636, 0.3573,
0.2841


 89.3372, 0.3378,
0.3034

 8.8640, 0.3655,
0.2761


115.5379, 0.3357,
0.3055

 4.6526, 0.3775,
0.2647

146.4174, 0.3340,
0.3072

 2.0449, 0.3963,
0.2471

182.3603, 0.3325,
0.3087

 0.6334, 0.4335,
0.2107

223.7508, 0.3312,


 0.0000, 1.0000,


0.3100


0.0000


270.9734, 0.3301,
0.3111


 0.0000, 0.0000,
0.0000


 34.9647, 0.3467,
0.2945

 34.9647, 0.3467,
0.2945

 29.0717, 0.3633,
0.2821


 41.9753, 0.3328,
0.3069


 24.2331, 0.3827,
0.2704


 50.1529, 0.3213,
0.3189


 20.3863, 0.4051,
0.2603


 59.5497, 0.3117,
0.3303

 17.4606, 0.4300,
0.2530


 70.2135, 0.3038,
0.3408

 15.3753, 0.4565,
0.2498


 82.1892, 0.2974,
0.3506

 14.0360, 0.4833,
0.2517

 89.9048, 0.2917,
0.3508

 13.2879, 0.5090,
0.2585

 90.5433, 0.2861,
0.3392

 13.2153, 0.5120,
0.2594

 91.1564, 0.2811,
0.3289

Harmonies

Analogous

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



34.9647, 0.3051, 0.2723



34.9647, 0.3467, 0.2945



34.9647, 0.3803, 0.3251

Triad

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



34.9647, 0.3467, 0.2945



34.9647, 0.3557, 0.4022



34.9647, 0.2373, 0.2914

Complementary

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



34.9647, 0.3467, 0.2945



50.6672, 0.2883, 0.3665

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.



34.9647, 0.2489, 0.3273



34.9647, 0.3467, 0.2945



34.9647, 0.3160, 0.3958

Square

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



34.9647, 0.3467, 0.2945



34.9647, 0.3849, 0.3869



34.9647, 0.2771, 0.3671



34.9647, 0.2441, 0.2689

Rectangle

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



34.9647, 0.3467, 0.2945



34.9647, 0.3923, 0.3473



34.9647, 0.2771, 0.3671



34.9647, 0.2392, 0.3022

Sweetspot

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



34.9663, 0.3467, 0.2945



85.4558, 0.3215, 0.3186



32.8562, 0.2902, 0.2522



17.8231, 0.3231, 0.3169



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.



34.9663, 0.3467, 0.2945



52.9594, 0.3574, 0.2862



34.6337, 0.3751, 0.3317



10.7177, 0.3218, 0.3183



8.3282, 0.5086, 0.2576



0.4089, 0.4595, 0.2305

Inverse Universe

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



34.9663, 0.3467, 0.2945



52.9594, 0.3574, 0.2862



50.9315, 0.2710, 0.3263



10.7177, 0.3218, 0.3183



8.3282, 0.5086, 0.2576



0.4089, 0.4595, 0.2305

Previews

White Background



This preview shows how the Yxy color 34.9647, 0.3467, 0.2945 looks on a white background.

Color Contrast Check

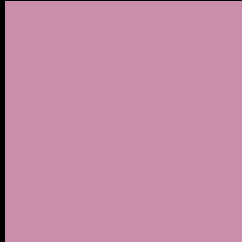
Large Text (above 18pt) WCAG AA × Fail

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 34.9647, 0.3467, 0.2945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

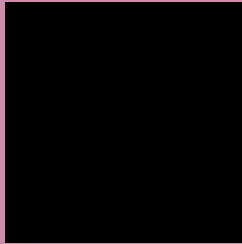
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9647, 0.3467, 0.2945

Background



This preview shows how black text looks on a background with the Yxy color 34.9647, 0.3467, 0.2945.



This preview shows how white text looks on a background with the Yxy color 34.9647, 0.3467, 0.2945.

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

34.9647, 0.3467, 0.2945

Protanopia

35.2597, 0.2928, 0.2989

Deuteranopia

35.0405, 0.3175, 0.3107



Tritanopia

34.7932, 0.3589, 0.3147

Trichromacy



Original Color

34.9647, 0.3467, 0.2945

Protanomaly

34.8013, 0.3113, 0.2971

Deuteranomaly

35.0651, 0.3279, 0.3046

Tritanomaly

34.7991, 0.3549, 0.3070

Monochromacy



Original Color

34.9647, 0.3467, 0.2945

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.8772, 0.3242, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9647, 0.3467, 0.2945 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, 143, 170)` looks like.

```
.text, #text, p{  
    color:rgb(201, 143, 170)  
}
```

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, 143, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 143, 170) }
```

Border

The CSS property to change the border of an element to Yxy 34.9647, 0.3467, 0.2945 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, 143, 170) }
```

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

```
.border{ border-color:rgb(201, 143, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 143, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 143, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 143, 170);  
box-shadow:4px 4px 4px 4px rgb(201, 143,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9647, 0.3467, 0.2945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 143, 170) }
```

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

```
.background{ background-color: rgb(201,  
143, 170) }
```

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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