

Converting Colors

Yxy(33.4607, 0.3483, 0.2930)

Have a look what the booklet for
Yxy(33.4607, 0.3483, 0.2930)
contains.

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Color

Yxy(33.3974, 0.3486, 0.2928)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C78BA7 |
| RGB | 199, 139, 167 |
| RGB Percent | 78%, 55%, 65% |
| CMY | 0.2196, 0.4549, 0.3452 |
| CMYK | 0.00, 0.30, 0.16, 0.22 |
| HSL | 332°, 35%, 66% |
| HSV | 332°, 30%, 78% |
| XYZ | 39.7621, 33.3974, 40.9027 |
| YIQ | 160.1320, 26.7720, 21.4280 |

Conversions

Conversions Part 2

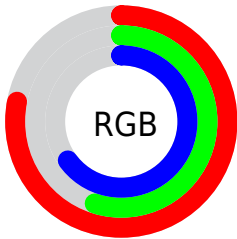
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 199, 139, 167 |
| Decimal | 13077415 |
| CIE Lab | 64.48, 27.05, -5.55 |
| CIE LCh | 64, 27.611, 348.408 |
| Yxy | 33.3974, 0.3486, 0.2928 |
| Android (android.graphics.Color) | 4291267495 (0xFFC78BA7) |
| YUV | 160.1320, 3.3859, 34.0872 |
| Hunter-Lab | 57.7905, 21.6815, -1.5107 |

Details

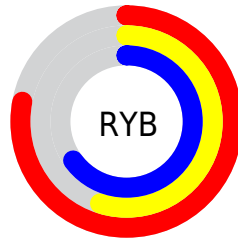
The Yxy color **33.3974, 0.3486, 0.2928** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **49.2829, 0.2873, 0.3685**, and the grayscale version is **35.1935, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.6739, 0.3404, 0.2996**, and **14.1465, 0.3601, 0.2816** is the 20% darker color. If you saturate the color by 10%, you get **27.7740, 0.3655, 0.2804**, and if you desaturate by 10%, it is **40.1052, 0.3344, 0.3053**.

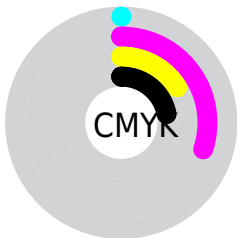
Distribution



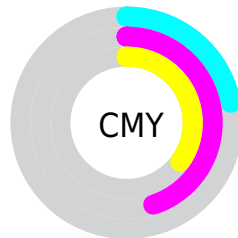
- Red (78%)
- Green (55%)
- Blue (65%)



- Red (78%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (22%)




- Cyan (22%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3974, 0.3486, 0.2928 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 33.3974, 0.3486, 0.2928 by changing the saturation by 10% instead.


 33.3974, 0.3486,
0.2928


 33.3974, 0.3486,
0.2928


317.4367, 0.3299,
0.3114


 22.4311, 0.3535,
0.2880

 64.9955, 0.3416,
0.2997

 14.1740, 0.3600,
0.2817


 86.3960, 0.3391,
0.3022

 8.2418, 0.3689,
0.2731


 112.0434, 0.3369,
0.3044

 4.2500, 0.3820,
0.2608

142.3220, 0.3351,
0.3062

 1.8144, 0.4028,
0.2417

177.6162, 0.3335,
0.3078

 0.4961, 0.4502,
0.1915

218.3105, 0.3322,

 0.0000, 1.0000,

0.3092

0.0000


264.7891, 0.3310,
0.3104

 0.0000, 0.0000,
0.0000

 33.3974, 0.3486,
0.2928


 33.3974, 0.3486,
0.2928


 27.7740, 0.3655,
0.2804


 40.1052, 0.3344,
0.3053


 23.1726, 0.3853,
0.2689


 47.9461, 0.3226,
0.3174


 19.5316, 0.4079,
0.2590


 56.9715, 0.3129,
0.3288


 16.7806, 0.4329,
0.2522


 67.2284, 0.3048,
0.3395

 14.8398, 0.4595,
0.2495


 78.7609, 0.2982,
0.3494


 13.6144, 0.4861,
0.2520

 89.4170, 0.2926,
0.3550

 12.9307, 0.5113,
0.2591

 90.0345, 0.2870,
0.3434

 90.6890, 0.2815,
0.3321

 90.8838, 0.2800,
0.3289

Harmonies

Analogous

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



33.3974, 0.3047, 0.2695



33.3974, 0.3486, 0.2928



33.3974, 0.3841, 0.3248

Triad

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



33.3974, 0.3486, 0.2928



33.3974, 0.3577, 0.4062



33.3974, 0.2335, 0.2891

Complementary

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



33.3974, 0.3486, 0.2928



49.2829, 0.2873, 0.3685

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.



33.3974, 0.2456, 0.3270



33.3974, 0.3486, 0.2928



33.3974, 0.3159, 0.3996

Square

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



33.3974, 0.3486, 0.2928



33.3974, 0.3886, 0.3899



33.3974, 0.2751, 0.3692



33.3974, 0.2406, 0.2657

Rectangle

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



33.3974, 0.3486, 0.2928



33.3974, 0.3967, 0.3481



33.3974, 0.2751, 0.3692



33.3974, 0.2354, 0.3005

Sweetspot

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



33.3989, 0.3486, 0.2928



85.4575, 0.3215, 0.3186



31.2485, 0.2890, 0.2485



17.8235, 0.3231, 0.3168



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.



33.3989, 0.3486, 0.2928



51.9821, 0.3590, 0.2849



33.0582, 0.3789, 0.3318



10.7179, 0.3218, 0.3183



8.3309, 0.5081, 0.2573



0.4091, 0.4591, 0.2303

Inverse Universe

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



33.3989, 0.3486, 0.2928



51.9821, 0.3590, 0.2849



49.5511, 0.2694, 0.3262



10.7179, 0.3218, 0.3183



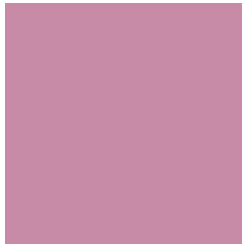
8.3309, 0.5081, 0.2573



0.4091, 0.4591, 0.2303

Previews

White Background



This preview shows how the Yxy color 33.3974, 0.3486, 0.2928 looks on a white background.

Color Contrast Check

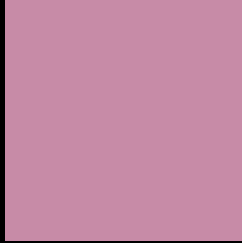
Large Text (above 18pt) WCAG AA × Fail

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 33.3974, 0.3486, 0.2928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

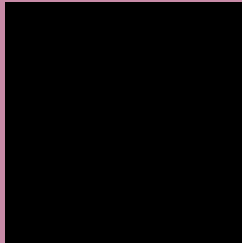
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3974, 0.3486, 0.2928

Background



This preview shows how black text looks on a background with the Yxy color 33.3974, 0.3486, 0.2928.



This preview shows how white text looks on a background with the Yxy color 33.3974, 0.3486, 0.2928.

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

33.3974, 0.3486, 0.2928

Protanopia

33.7236, 0.2916, 0.2983

Deuteranopia

33.4979, 0.3166, 0.3104



Tritanopia

33.4833, 0.3620, 0.3159

Trichromacy



Original Color

33.3974, 0.3486, 0.2928

Protanomaly

33.3759, 0.3113, 0.2966

Deuteranomaly

33.2043, 0.3273, 0.3027

Tritanomaly

33.4898, 0.3579, 0.3081

Monochromacy



Original Color

33.3974, 0.3486, 0.2928

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.0995, 0.3245, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3974, 0.3486, 0.2928 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(199, 139, 167)` looks like.

```
.text, #text, p{  
    color:rgb(199, 139, 167)  
}
```

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(199, 139, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 139, 167) }
```

Border

The CSS property to change the border of an element to Yxy 33.3974, 0.3486, 0.2928 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(199, 139, 167) }
```

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

```
.border{ border-color:rgb(199, 139, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 139, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 139, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 139, 167); box-shadow:4px 4px 4px 4px rgb(199, 139, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3974, 0.3486, 0.2928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 139, 167) }
```

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

```
.background{ background-color: rgb(199,  
139, 167) }
```

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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