

Converting Colors

$Y_{xy}(40.0620, 0.3290, 0.2971)$

Have a look what the booklet for
Yxy(40.0620, 0.3290, 0.2971)
contains.

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Color

Yxy(40.0147, 0.3295, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	C79EB7
RGB	199, 158, 183
RGB Percent	78%, 62%, 72%
CMY	0.2195, 0.3804, 0.2823
CMYK	0.00, 0.21, 0.08, 0.22
HSL	323°, 27%, 70%
HSV	323°, 21%, 78%
XYZ	44.3337, 40.0147, 50.2000
YIQ	173.1090, 16.4110, 16.4670

Conversions

Conversions Part 2

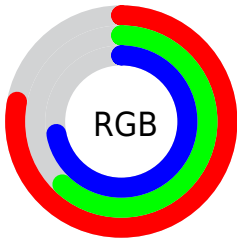
Format	Color
RYB	199, 158, 183
Decimal	13082295
CIELab	69.48, 19.32, -7.13
CIElCh	69, 20.589, 339.750
Yxy	40.0147, 0.3295, 0.2974
Android (android.graphics.Color)	4291272375 (0xFFC79EB7)
YUV	173.1090, 4.8763, 22.7064
Hunter-Lab	63.2572, 14.4014, -2.7717

Details

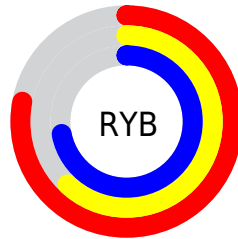
The Yxy color $40.0147, 0.3295, 0.2974$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $51.1816, 0.2990, 0.3629$, and the grayscale version is $41.8183, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.0805, 0.3256, 0.3032$, and $17.9395, 0.3349, 0.2880$ is the 20% darker color. If you saturate the color by 10%, you get $33.4538, 0.3400, 0.2814$, and if you desaturate by 10%, it is $47.6965, 0.3206, 0.3131$.

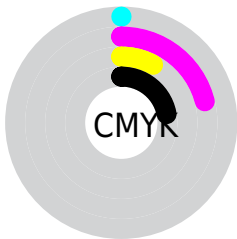
Distribution



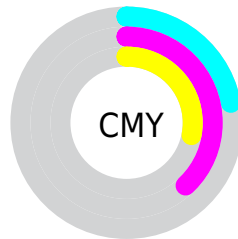
- Red (78%)
- Green (62%)
- Blue (72%)



- Red (78%)
- Yellow (62%)
- Blue (72%)



- Cyan (0%)
- Magenta (21%)
- Yellow (8%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0147, 0.3295, 0.2974 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 40.0147, 0.3295, 0.2974 by changing the saturation by 10% instead.

 40.0147, 0.3295,
0.2974

 40.0147, 0.3295,
0.2974

346.1855, 0.3211,
0.3132

 27.5500, 0.3316,
0.2935


 75.1859, 0.3264,
0.3031

 17.9867, 0.3343,
0.2884


 98.6612, 0.3253,
0.3053

 10.9405, 0.3379,
0.2816


126.5755, 0.3243,
0.3071

 6.0268, 0.3430,
0.2722

159.3131, 0.3235,
0.3087

 2.8614, 0.3506,
0.2582

197.2586, 0.3228,
0.3100

 1.0598, 0.3632,
0.2350

240.7962, 0.3221,

 0.0000, 0.4890,

0.3112

0.0000

290.3104, 0.3216,
0.3123

0.0000, 0.0000,
0.0000

40.0147, 0.3295,
0.2974

40.0147, 0.3295,
0.2974

33.4538, 0.3400,
0.2814

47.6965, 0.3206,
0.3131

27.9553, 0.3522,
0.2655

56.5433, 0.3131,
0.3281

23.4634, 0.3662,
0.2507

66.6036, 0.3069,
0.3422

19.9152, 0.3818,
0.2378

77.9212, 0.3017,
0.3553

17.2407, 0.3988,
0.2280

88.9299, 0.2974,
0.3649

■ 15.3597, 0.4165,
0.2225

■ 89.3552, 0.2932,
0.3562

■ 14.1773, 0.4343,
0.2220

■ 89.7999, 0.2891,
0.3477

■ 13.5362, 0.4507,
0.2257

■ 90.2643, 0.2850,
0.3394

■ 90.7485, 0.2811,
0.3311

Harmonies

Analogous

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



40.0147, 0.2988, 0.2829



40.0147, 0.3295, 0.2974



40.0147, 0.3567, 0.3195

Triad

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



40.0147, 0.3295, 0.2974



40.0147, 0.3523, 0.3814



40.0147, 0.2571, 0.3086

Complementary

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



40.0147, 0.3295, 0.2974



51.1816, 0.2990, 0.3629

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.



40.0147, 0.2700, 0.3367



40.0147, 0.3295, 0.2974



40.0147, 0.3245, 0.3807

Square

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



40.0147, 0.3295, 0.2974



40.0147, 0.3700, 0.3675



40.0147, 0.2944, 0.3640



40.0147, 0.2582, 0.2880

Rectangle

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



40.0147, 0.3295, 0.2974



40.0147, 0.3685, 0.3363



40.0147, 0.2944, 0.3640



40.0147, 0.2599, 0.3175

Sweetspot

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



40.0165, 0.3295, 0.2974



90.2454, 0.3171, 0.3200



37.5425, 0.2922, 0.2747



19.0990, 0.3176, 0.3190



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.



40.0165, 0.3295, 0.2974



64.3520, 0.3343, 0.2898



39.2330, 0.3488, 0.3229



10.7438, 0.3196, 0.3150



8.7194, 0.4484, 0.2244



0.4268, 0.4150, 0.2060

Inverse Universe

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



40.0165, 0.3295, 0.2974



64.3520, 0.3343, 0.2898



52.0316, 0.2854, 0.3352



10.7438, 0.3196, 0.3150



8.7194, 0.4484, 0.2244



0.4268, 0.4150, 0.2060

Previews

White Background



This preview shows how the Yxy color 40.0147, 0.3295, 0.2974 looks on a white background.

Color Contrast Check

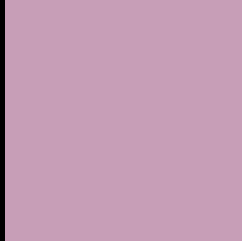
Large Text (above 18pt) WCAG AA × Fail

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 40.0147, 0.3295, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

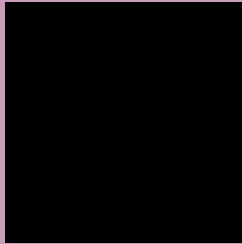
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.0147, 0.3295, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 40.0147, 0.3295, 0.2974.



This preview shows how white text looks on a background with the Yxy color 40.0147, 0.3295, 0.2974.

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

40.0147, 0.3295, 0.2974

Protanopia

40.3091, 0.2938, 0.3005

Deuteranopia

40.1114, 0.3129, 0.3064



Tritanopia

40.1259, 0.3385, 0.3137

Trichromacy



Original Color

40.0147, 0.3295, 0.2974

Protanomaly

40.0818, 0.3068, 0.2998

Deuteranomaly

39.9094, 0.3196, 0.3029

Tritanomaly

39.9366, 0.3349, 0.3073

Monochromacy



Original Color

40.0147, 0.3295, 0.2974

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.1247, 0.3179, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0147, 0.3295, 0.2974 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, 158, 183)` looks like.

```
.text, #text, p{  
    color:rgb(199, 158, 183)  
}
```

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, 158, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 158, 183) }
```

Border

The CSS property to change the border of an element to Yxy 40.0147, 0.3295, 0.2974 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, 158, 183) }
```

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

```
.border{ border-color:rgb(199, 158, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 158, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 158, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 158, 183);  
box-shadow:4px 4px 4px 4px rgb(199, 158,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0147, 0.3295, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 158, 183) }
```

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

```
.background{ background-color: rgb(199,  
158, 183) }
```

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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