

Converting Colors

$Y_{xy}(34.2172, 0.3379, 0.2897)$

Have a look what the booklet for
Yxy(34.2172, 0.3379, 0.2897)
contains.

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Color

Yxy(34.2642, 0.3374, 0.2899)

Conversions

Conversions Part 1

Format	Color
Hex	C38FAD
RGB	195, 143, 173
RGB Percent	76%, 56%, 68%
CMY	0.2352, 0.4393, 0.3215
CMYK	0.00, 0.27, 0.11, 0.24
HSL	325°, 30%, 66%
HSV	325°, 27%, 76%
XYZ	39.8784, 34.2642, 44.0506
YIQ	161.9680, 21.3620, 20.3540

Conversions

Conversions Part 2

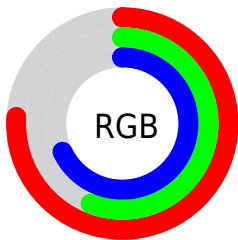
Format	Color
R _Y B	195, 143, 173
Decimal	12816301
CIE Lab	65.17, 24.44, -7.97
CIE LCh	65, 25.703, 341.938
Yxy	34.2642, 0.3374, 0.2899
Android (android.graphics.Color)	4291006381 (0xFFC38FAD)
YUV	161.9680, 5.4388, 28.9691
Hunter-Lab	58.5356, 19.1688, -3.6433

Details

The Yxy color **34.2642, 0.3374, 0.2899** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.6024, 0.2940, 0.3717**, and the grayscale version is **36.0838, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2294, 0.3329, 0.2975**, and **14.6975, 0.3451, 0.2777** is the 20% darker color. If you saturate the color by 10%, you get **28.6010, 0.3499, 0.2747**, and if you desaturate by 10%, it is **40.9682, 0.3268, 0.3050**.

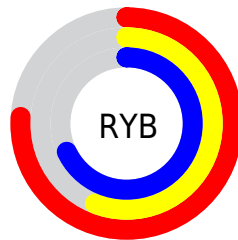
Distribution



Red (76%)

Green (56%)

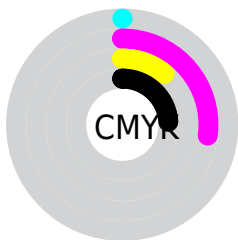
Blue (68%)



Red (76%)

Yellow (56%)

Blue (68%)

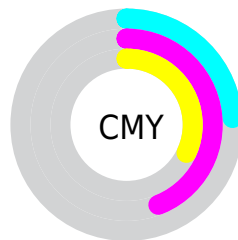


Cyan (0%)

Magenta (27%)

Yellow (11%)

Black (24%)



Cyan (24%)


Magenta (44%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.2642, 0.3374, 0.2899 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 34.2642, 0.3374, 0.2899 by changing the saturation by 10% instead.


 34.2642, 0.3374,
0.2899


 34.2642, 0.3374,
0.2899


321.3085, 0.3247,
0.3098

 23.0966, 0.3407,
0.2848

 66.3443, 0.3327,
0.2972

 14.6649, 0.3449,
0.2782


 88.0256, 0.3310,
0.3000

 8.5845, 0.3507,
0.2693

113.9804, 0.3295,
0.3023

 4.4712, 0.3591,
0.2566

144.5929, 0.3283,
0.3042

 1.9405, 0.3720,
0.2371

180.2475, 0.3272,
0.3059

 0.5725, 0.3995,
0.1943

221.3288, 0.3263,

 0.0000, 1.0000,

0.3074

0.0000

268.2210, 0.3255,
0.3087

■ 0.0000, 0.0000,
0.0000

■ 34.2642, 0.3374,
0.2899

■ 34.2642, 0.3374,
0.2899

■ 28.6010, 0.3499,
0.2747

■ 40.9682, 0.3268,
0.3050

■ 23.9210, 0.3644,
0.2601

■ 48.7576, 0.3179,
0.3196

■ 20.1678, 0.3808,
0.2471

■ 57.6800, 0.3104,
0.3335

■ 17.2777, 0.3990,
0.2366

■ 67.7788, 0.3042,
0.3464

■ 15.1785, 0.4184,
0.2300

■ 79.0951, 0.2991,
0.3584

■ 13.7864, 0.4383,
0.2281

■ 88.4296, 0.2947,
0.3643

■ 12.9903, 0.4578,
0.2315

■ 88.8846, 0.2903,
0.3551

■ 12.7878, 0.4643,
0.2331

■ 89.3616, 0.2860,
0.3460

■ 89.8608, 0.2817,
0.3371

Harmonies

Analogous

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



34.2642, 0.2969, 0.2705



34.2642, 0.3374, 0.2899



34.2642, 0.3728, 0.3185

Triad

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



34.2642, 0.3374, 0.2899



34.2642, 0.3618, 0.3986



34.2642, 0.2401, 0.2990

Complementary

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



34.2642, 0.3374, 0.2899



47.6024, 0.2940, 0.3717

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.



34.2642, 0.2552, 0.3358



34.2642, 0.3374, 0.2899



34.2642, 0.3246, 0.3971

Square

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



34.2642, 0.3374, 0.2899



34.2642, 0.3868, 0.3803



34.2642, 0.2856, 0.3734



34.2642, 0.2429, 0.2739

Rectangle

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



34.2642, 0.3374, 0.2899



34.2642, 0.3875, 0.3400



34.2642, 0.2856, 0.3734



34.2642, 0.2432, 0.3104

Sweetspot

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



34.2657, 0.3374, 0.2899



85.1616, 0.3190, 0.3176



31.5476, 0.2866, 0.2574



18.1628, 0.3203, 0.3154



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.



34.2657, 0.3374, 0.2899



55.2332, 0.3444, 0.2811



33.3651, 0.3647, 0.3233



10.1731, 0.3201, 0.3158



8.3250, 0.4618, 0.2317



0.3732, 0.4222, 0.2099

Inverse Universe

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



34.2657, 0.3374, 0.2899



55.2332, 0.3444, 0.2811



48.6335, 0.2769, 0.3349



10.1731, 0.3201, 0.3158



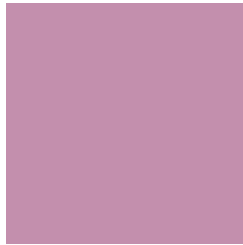
8.3250, 0.4618, 0.2317



0.3732, 0.4222, 0.2099

Previews

White Background



This preview shows how the Yxy color 34.2642, 0.3374, 0.2899 looks on a white background.

Color Contrast Check

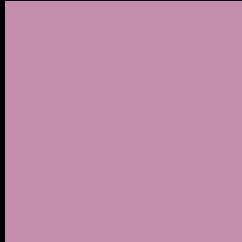
Large Text (above 18pt) WCAG AA × Fail

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 34.2642, 0.3374, 0.2899 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 34.2642, 0.3374, 0.2899

Background



This preview shows how black text looks on a background with the Yxy color 34.2642, 0.3374, 0.2899.



This preview shows how white text looks on a background with the Yxy color 34.2642, 0.3374, 0.2899.

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

34.2642, 0.3374, 0.2899

Protanopia

34.3614, 0.2884, 0.2930

Deuteranopia

34.3763, 0.3109, 0.3049



Tritanopia

34.3295, 0.3513, 0.3144

Trichromacy



Original Color

34.2642, 0.3374, 0.2899

Protanomaly

34.1462, 0.3048, 0.2913

Deuteranomaly

34.2562, 0.3201, 0.2987

Tritanomaly

34.3645, 0.3463, 0.3053

Monochromacy



Original Color

34.2642, 0.3374, 0.2899

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.1945, 0.3213, 0.3136

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.2642, 0.3374, 0.2899 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(195, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 143, 173)  
}
```

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(195, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 143, 173) }
```

Border

The CSS property to change the border of an element to Yxy 34.2642, 0.3374, 0.2899 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(195, 143, 173) }
```

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

```
.border{ border-color:rgb(195, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 143,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 34.2642, 0.3374, 0.2899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 143, 173) }
```

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

```
.background{ background-color: rgb(195,  
143, 173) }
```

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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