

Converting Colors

Yxy(34.4657, 0.3275, 0.2649)

Have a look what the booklet for
Yxy(34.4657, 0.3275, 0.2649)
contains.

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Color

Yxy(34.3122, 0.3270, 0.2642)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C98ABE |
| RGB | 201, 138, 190 |
| RGB Percent | 79%, 54%, 75% |
| CMY | 0.2118, 0.4588, 0.2550 |
| CMYK | 0.00, 0.31, 0.05, 0.21 |
| HSL | 310°, 37%, 66% |
| HSV | 310°, 31%, 79% |
| XYZ | 42.4682, 34.3122, 53.0917 |
| YIQ | 162.7650, 20.8560, 29.5280 |

Conversions

Conversions Part 2

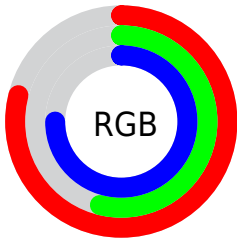
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 138, 190 |
| Decimal | 13208254 |
| CIE _{Lab} | 65.21, 32.21, -17.40 |
| CIE _{LCh} | 65, 36.606, 331.618 |
| Yxy | 34.3122, 0.3270, 0.2642 |
| Android (android.graphics.Color) | 4291398334 (0xFFC98ABE) |
| YUV | 162.7650, 13.4269, 33.5321 |
| Hunter-Lab | 58.5766, 26.9038, -12.7347 |

Details

The Yxy color $34.3122, 0.3270, 0.2642$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $49.3466, 0.3012, 0.4039$, and the grayscale version is $36.4383, 0.3127, 0.3290$.

A 20% lighter version of the original color is $65.6131, 0.3222, 0.2755$, and $14.7335, 0.3297, 0.2456$ is the 20% darker color. If you saturate the color by 10%, you get $28.9179, 0.3328, 0.2438$, and if you desaturate by 10%, it is $40.7805, 0.3218, 0.2852$.

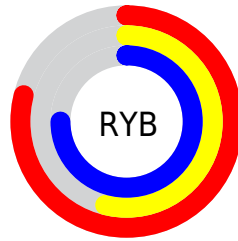
Distribution



Red (79%)

Green (54%)

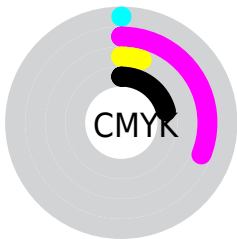
Blue (75%)



Red (79%)

Yellow (54%)

Blue (75%)

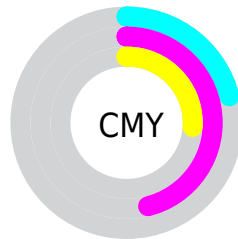


Cyan (0%)

Magenta (31%)

Yellow (5%)

Black (21%)



Cyan (21%)


Magenta (46%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3122, 0.3270, 0.2642 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 34.3122, 0.3270, 0.2642 by changing the saturation by 10% instead.


 34.3122, 0.3270,
0.2642


 34.3122, 0.3270,
0.2642


321.5219, 0.3203,
0.2964


 23.1335, 0.3285,
0.2562


 66.4189, 0.3247,
0.2759

 14.6921, 0.3304,
0.2461

 88.1157, 0.3238,
0.2803

 8.6036, 0.3328,
0.2327


 114.0873, 0.3230,
0.2840

 4.4836, 0.3357,
0.2142

144.7182, 0.3223,
0.2872

 1.9476, 0.3393,
0.1875

180.3927, 0.3217,
0.2900

 0.5767, 0.3460,
0.1389

221.4952, 0.3212,

 0.0000, 0.3063,

0.2924

0.0000

268.4102, 0.3207,
0.2945

■ 0.0000, 0.0000,
0.0000

■ 34.3122, 0.3270,
0.2642

■ 34.3122, 0.3270,
0.2642

■ 28.9179, 0.3328,
0.2438

■ 40.7805, 0.3218,
0.2852

■ 24.5341, 0.3390,
0.2249

■ 48.3727, 0.3172,
0.3061

■ 21.0975, 0.3456,
0.2085


■ 57.1411, 0.3132,
0.3264

■ 18.5360, 0.3524,
0.1955


■ 67.1332, 0.3098,
0.3456


■ 16.7669, 0.3592,
0.1867

■ 78.3943, 0.3068,
0.3637


 15.6919, 0.3657,
0.1825

 88.6437, 0.3044,
0.3768

 15.1653, 0.3711,
0.1818

 88.8219, 0.3025,
0.3728

 89.0041, 0.3006,
0.3689

 89.1901, 0.2986,
0.3650

Harmonies

Analogous

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



34.3122, 0.2717, 0.2436



34.3122, 0.3270, 0.2642



34.3122, 0.3828, 0.2989

Triad

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



34.3122, 0.3270, 0.2642



34.3122, 0.3957, 0.4200



34.3122, 0.2165, 0.3013

Complementary

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



34.3122, 0.3270, 0.2642



49.3466, 0.3012, 0.4039

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.



34.3122, 0.2441, 0.3577



34.3122, 0.3270, 0.2642



34.3122, 0.3468, 0.4321

Square

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



34.3122, 0.3270, 0.2642



34.3122, 0.4234, 0.3851



34.3122, 0.2913, 0.4094



34.3122, 0.2123, 0.2603

Rectangle

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



34.3122, 0.3270, 0.2642



34.3122, 0.4104, 0.3269



34.3122, 0.2913, 0.4094



34.3122, 0.2231, 0.3191

Sweetspot

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



34.3137, 0.3270, 0.2642



85.9657, 0.3163, 0.3107



28.7397, 0.2666, 0.2399



17.9489, 0.3169, 0.3076



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.



34.3137, 0.3270, 0.2642



51.9245, 0.3311, 0.2494



33.1000, 0.3596, 0.3019



10.7836, 0.3164, 0.3101



9.5477, 0.3702, 0.1813



0.4607, 0.3582, 0.1747

Inverse Universe

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



34.3137, 0.3270, 0.2642



51.9245, 0.3311, 0.2494



50.4714, 0.2811, 0.3582



10.7836, 0.3164, 0.3101



9.5477, 0.3702, 0.1813



0.4607, 0.3582, 0.1747

Previews

White Background



This preview shows how the Yxy color 34.3122, 0.3270, 0.2642 looks on a white background.

Color Contrast Check

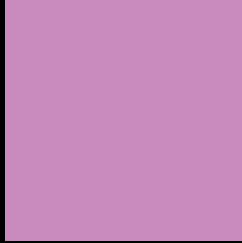
Large Text (above 18pt) WCAG AA × Fail

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 34.3122, 0.3270, 0.2642 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

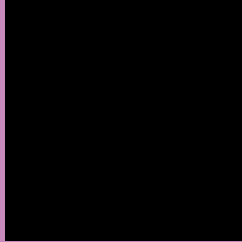
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3122, 0.3270, 0.2642

Background



This preview shows how black text looks on a background with the Yxy color 34.3122, 0.3270, 0.2642.



This preview shows how white text looks on a background with the Yxy color 34.3122, 0.3270, 0.2642.

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

34.3122, 0.3270, 0.2642

Protanopia

34.6288, 0.2665, 0.2647

Deuteranopia

34.5041, 0.2896, 0.2840



Tritanopia

34.5214, 0.3568, 0.3146

Trichromacy



Original Color

34.3122, 0.3270, 0.2642

Protanomaly

34.1054, 0.2867, 0.2640

Deuteranomaly

34.2397, 0.3026, 0.2762

Tritanomaly

34.1789, 0.3459, 0.2953

Monochromacy



Original Color

34.3122, 0.3270, 0.2642

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

35.4754, 0.3179, 0.3029

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3122, 0.3270, 0.2642 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, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(201, 138, 190)  
}
```

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, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 138, 190) }
```

Border

The CSS property to change the border of an element to Yxy 34.3122, 0.3270, 0.2642 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, 138, 190) }
```

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

```
.border{ border-color:rgb(201, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(201, 138,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3122, 0.3270, 0.2642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 138, 190) }
```

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

```
.background{ background-color: rgb(201,  
138, 190) }
```

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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