

Converting Colors

$Y_{xy}(50.0792, 0.3232, 0.2932)$

Have a look what the booklet for
Yxy(50.0792, 0.3232, 0.2932)
contains.

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Color

Yxy(50.3074, 0.3230, 0.2933)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D9B0CF |
| RGB | 217, 176, 207 |
| RGB Percent | 85%, 69%, 81% |
| CMY | 0.1490, 0.3098, 0.1883 |
| CMYK | 0.00, 0.19, 0.05, 0.15 |
| HSL | 315°, 35%, 77% |
| HSV | 315°, 19%, 85% |
| XYZ | 55.4016, 50.3074, 65.8130 |
| YIQ | 191.7930, 14.4850, 18.3330 |

Conversions

Conversions Part 2

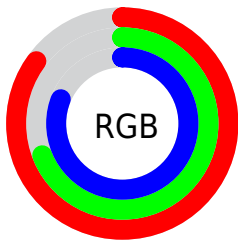
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 217, 176, 207 |
| Decimal | 14266575 |
| CIE _{Lab} | 76.26, 20.01, -10.04 |
| CIE _{LCh} | 76, 22.383, 333.358 |
| Yxy | 50.3074, 0.3230, 0.2933 |
| Android (android.graphics.Color) | 4292456655 (0xFFD9B0CF) |
| YUV | 191.7930, 7.4971, 22.1065 |
| Hunter-Lab | 70.9277, 15.3028, -5.3651 |

Details

The Yxy color **50.3074, 0.3230, 0.2933** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **62.4029, 0.3038, 0.3676**, and the grayscale version is **52.5354, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1932, 0.3138, 0.3068**, and **24.1472, 0.3254, 0.2834** is the 20% darker color. If you saturate the color by 10%, you get **42.2139, 0.3297, 0.2737**, and if you desaturate by 10%, it is **59.7742, 0.3172, 0.3125**.

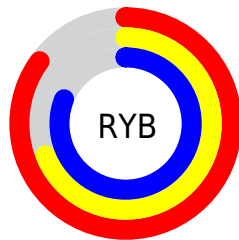
Distribution



Red (85%)

Green (69%)

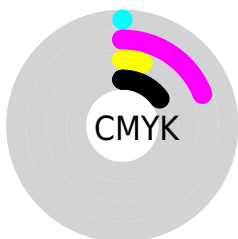
Blue (81%)



Red (85%)

Yellow (69%)

Blue (81%)

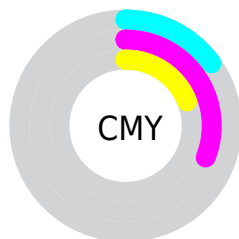


Cyan (0%)

Magenta (19%)

Yellow (5%)

Black (15%)



Cyan (15%)

Magenta (31%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3074, 0.3230, 0.2933 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 50.3074, 0.3230, 0.2933 by changing the saturation by 10% instead.


 50.3074, 0.3230,
0.2933

 50.3074, 0.3230,
0.2933

387.8668, 0.3182,
0.3104

 35.6577, 0.3241,
0.2892


 90.6302, 0.3213,
0.2994

 24.1700, 0.3255,
0.2841


117.0720, 0.3207,
0.3017

 15.4597, 0.3273,
0.2775


148.2134, 0.3201,
0.3037

 9.1427, 0.3297,
0.2687

184.4387, 0.3196,
0.3054

 4.8344, 0.3329,
0.2562

226.1323, 0.3192,
0.3069

 2.1504, 0.3376,
0.2373

273.6786, 0.3188,

 0.6928, 0.3463,

0.3082

0.2024

327.4620, 0.3185,
0.3094

0.0000, 0.2741,
0.0000

0.0000, 0.0000,
0.0000

50.3074, 0.3230,
0.2933

50.3074, 0.3230,
0.2933

42.2139, 0.3297,
0.2737

59.7742, 0.3172,
0.3125

35.4226, 0.3373,
0.2545

70.6680, 0.3122,
0.3310

29.8657, 0.3458,
0.2363

83.0476, 0.3080,
0.3484

25.4671, 0.3551,
0.2203

91.8838, 0.3046,
0.3569

■ 22.1417, 0.3648,
0.2074

■ 92.1830, 0.3016,
0.3513

■ 19.7931, 0.3748,
0.1986

■ 92.4914, 0.2987,
0.3457

■ 18.3074, 0.3846,
0.1946

■ 92.8090, 0.2958,
0.3401

■ 17.5055, 0.3941,
0.1949

■ 93.1358, 0.2930,
0.3347

■ 17.4320, 0.3952,
0.1951

■ 93.4720, 0.2902,
0.3292

Harmonies

Analogous

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



50.3074, 0.2925, 0.2808



50.3074, 0.3230, 0.2933



50.3074, 0.3519, 0.3143

Triad

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



50.3074, 0.3230, 0.2933



50.3074, 0.3575, 0.3799



50.3074, 0.2583, 0.3140

Complementary

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



50.3074, 0.3230, 0.2933



62.4029, 0.3038, 0.3676

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.



50.3074, 0.2741, 0.3430



50.3074, 0.3230, 0.2933



50.3074, 0.3310, 0.3827

Square

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



50.3074, 0.3230, 0.2933



50.3074, 0.3722, 0.3634



50.3074, 0.3005, 0.3691



50.3074, 0.2564, 0.2912

Rectangle

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



50.3074, 0.3230, 0.2933



50.3074, 0.3658, 0.3309



50.3074, 0.3005, 0.3691



50.3074, 0.2622, 0.3234

Sweetspot

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



50.3096, 0.3230, 0.2933



90.3853, 0.3157, 0.3179



46.4488, 0.2891, 0.2786



19.1321, 0.3160, 0.3166



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.



50.3096, 0.3230, 0.2933



67.2293, 0.3258, 0.2849



49.3905, 0.3400, 0.3162



13.2176, 0.3175, 0.3115



10.5698, 0.3938, 0.1943



0.6980, 0.3795, 0.1864

Inverse Universe

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



50.3096, 0.3230, 0.2933



67.2293, 0.3258, 0.2849



63.3165, 0.2912, 0.3422



13.2176, 0.3175, 0.3115



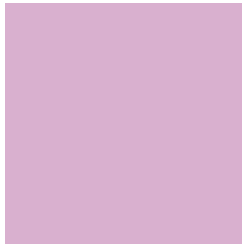
10.5698, 0.3938, 0.1943



0.6980, 0.3795, 0.1864

Previews

White Background



This preview shows how the Yxy color 50.3074, 0.3230, 0.2933 looks on a white background.

Color Contrast Check

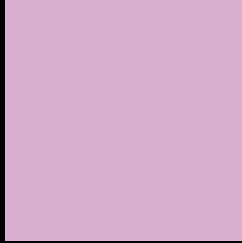
Large Text (above 18pt) WCAG AA × Fail

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 50.3074, 0.3230, 0.2933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

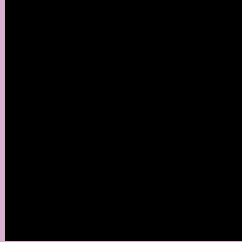
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3074, 0.3230, 0.2933

Background



This preview shows how black text looks on a background with the Yxy color 50.3074, 0.3230, 0.2933.



This preview shows how white text looks on a background with the Yxy color 50.3074, 0.3230, 0.2933.

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

50.3074, 0.3230, 0.2933

Protanopia

50.5860, 0.2905, 0.2958

Deuteranopia

50.4653, 0.3082, 0.3013



Tritanopia

50.4930, 0.3334, 0.3137

Trichromacy



Original Color

50.3074, 0.3230, 0.2933

Protanomaly

50.3059, 0.3020, 0.2952

Deuteranomaly

50.2206, 0.3142, 0.2982

Tritanomaly

50.4709, 0.3302, 0.3068

Monochromacy



Original Color

50.3074, 0.3230, 0.2933

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.5665, 0.3167, 0.3157

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3074, 0.3230, 0.2933 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(217, 176, 207)` looks like.

```
.text, #text, p{  
    color:rgb(217, 176, 207)  
}
```

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(217, 176, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 176, 207) }
```

Border

The CSS property to change the border of an element to Yxy 50.3074, 0.3230, 0.2933 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(217, 176, 207) }
```

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

```
.border{ border-color:rgb(217, 176, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 176, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 176, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 176, 207);  
box-shadow:4px 4px 4px 4px rgb(217, 176,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3074, 0.3230, 0.2933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 176, 207) }
```

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

```
.background{ background-color: rgb(217,  
176, 207) }
```

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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