

Converting Colors

$Y_{xy}(48.0124, 0.3314, 0.2911)$

Have a look what the booklet for
Yxy(48.0124, 0.3314, 0.2911)
contains.

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Color

Yxy(48.0124, 0.3314, 0.2911)

Conversions

Conversions Part 1

Format	Color
Hex	DDA9CA
RGB	221, 169, 202
RGB Percent	87%, 66%, 79%
CMY	0.1335, 0.3372, 0.2078
CMYK	0.00, 0.24, 0.09, 0.13
HSL	322°, 43%, 76%
HSV	322°, 24%, 87%
XYZ	54.6593, 48.0124, 62.2627
YIQ	188.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

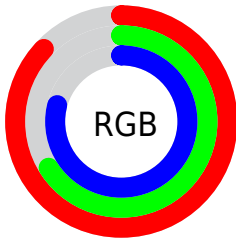
Format	Color
R _Y B	221, 169, 202
Decimal	14526922
CIE Lab	74.83, 24.27, -9.40
CIE LCh	75, 26.029, 338.839
Yxy	48.0124, 0.3314, 0.2911
Android (android.graphics.Color)	4292717002 (0xFFDDA9CA)
YUV	188.3100, 6.7492, 28.6691
Hunter-Lab	69.2910, 19.5481, -4.7725

Details

The Yxy color $48.0124, 0.3314, 0.2911$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $63.7621, 0.2978, 0.3702$, and the grayscale version is $50.4272, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3304, 0.3141, 0.2999$, and $22.6282, 0.3359, 0.2804$ is the 20% darker color. If you saturate the color by 10%, you get $40.1025, 0.3418, 0.2744$, and if you desaturate by 10%, it is $57.3359, 0.3225, 0.3077$.

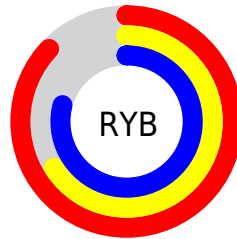
Distribution



Red (87%)

Green (66%)

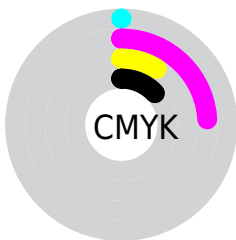
Blue (79%)



Red (87%)

Yellow (66%)

Blue (79%)

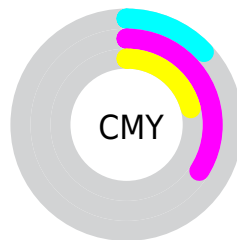


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (13%)



Cyan (13%)


Magenta (34%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.0124, 0.3314, 0.2911 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 48.0124, 0.3314, 0.2911 by changing the saturation by 10% instead.


 48.0124, 0.3314,
0.2911


 48.0124, 0.3314,
0.2911

378.8413, 0.3224,
0.3094

 33.8367, 0.3336,
0.2867


 87.2229, 0.3282,
0.2976

 22.7682, 0.3363,
0.2812


 113.0264, 0.3270,
0.3001

 14.4224, 0.3398,
0.2741


143.4747, 0.3259,
0.3022

 8.4151, 0.3446,
0.2645

178.9522, 0.3250,
0.3040

 4.3617, 0.3513,
0.2509

219.8432, 0.3242,
0.3056

 1.8779, 0.3617,
0.2301

266.5321, 0.3235,

 0.5350, 0.3852,

0.3070

0.1826

319.4033, 0.3229,
0.3083

0.0000, 0.5892,
0.0000

0.0000, 0.0000,
0.0000

48.0124, 0.3314,
0.2911

48.0124, 0.3314,
0.2911

40.1025, 0.3418,
0.2744

57.3359, 0.3225,
0.3077

33.5297, 0.3538,
0.2581

68.1318, 0.3150,
0.3236

28.2200, 0.3674,
0.2431

80.4633, 0.3088,
0.3387

24.0894, 0.3824,
0.2306

92.8428, 0.3036,
0.3503

■ 21.0439, 0.3984,
0.2216

■ 93.3179, 0.2991,
0.3419

■ 18.9749, 0.4149,
0.2172

■ 93.8143, 0.2947,
0.3336

■ 17.7507, 0.4312,
0.2179

■ 94.1067, 0.2923,
0.3289

■ 17.2687, 0.4416,
0.2206

Harmonies

Analogous

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



48.0124, 0.2949, 0.2745



48.0124, 0.3314, 0.2911



48.0124, 0.3643, 0.3167

Triad

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



48.0124, 0.3314, 0.2911



48.0124, 0.3604, 0.3910



48.0124, 0.2473, 0.3052

Complementary

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



48.0124, 0.3314, 0.2911



63.7621, 0.2978, 0.3702

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.



48.0124, 0.2628, 0.3390



48.0124, 0.3314, 0.2911



48.0124, 0.3274, 0.3914

Square

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



48.0124, 0.3314, 0.2911



48.0124, 0.3812, 0.3735



48.0124, 0.2917, 0.3719



48.0124, 0.2481, 0.2808

Rectangle

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



48.0124, 0.3314, 0.2911



48.0124, 0.3788, 0.3363



48.0124, 0.2917, 0.3719



48.0124, 0.2507, 0.3158

Sweetspot

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



48.0145, 0.3314, 0.2911



88.7226, 0.3176, 0.3180



44.1924, 0.2872, 0.2656



18.7927, 0.3180, 0.3171



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.



48.0145, 0.3314, 0.2911



61.0283, 0.3361, 0.2832



46.9171, 0.3540, 0.3199



13.1900, 0.3193, 0.3143



10.0577, 0.4392, 0.2193



0.6679, 0.4149, 0.2059

Inverse Universe

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



48.0145, 0.3314, 0.2911



61.0283, 0.3361, 0.2832



64.9448, 0.2826, 0.3384



13.1900, 0.3193, 0.3143



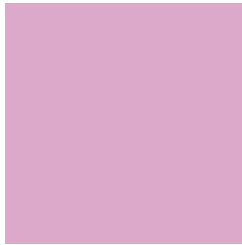
10.0577, 0.4392, 0.2193



0.6679, 0.4149, 0.2059

Previews

White Background



This preview shows how the Yxy color 48.0124, 0.3314, 0.2911 looks on a white background.

Color Contrast Check

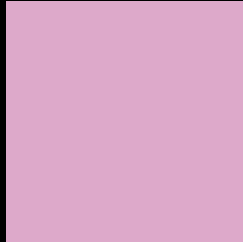
Large Text (above 18pt) WCAG AA × Fail

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 48.0124, 0.3314, 0.2911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

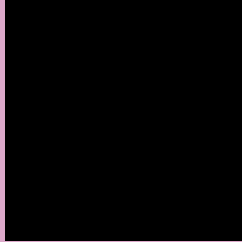
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.0124, 0.3314, 0.2911

Background



This preview shows how black text looks on a background with the Yxy color 48.0124, 0.3314, 0.2911.



This preview shows how white text looks on a background with the Yxy color 48.0124, 0.3314, 0.2911.

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

48.0124, 0.3314, 0.2911

Protanopia

48.2734, 0.2893, 0.2939

Deuteranopia

48.0124, 0.3097, 0.3031



Tritanopia

48.0679, 0.3442, 0.3138

Trichromacy



Original Color

48.0124, 0.3314, 0.2911

Protanomaly

47.9970, 0.3035, 0.2924

Deuteranomaly

47.7144, 0.3168, 0.2977

Tritanomaly

48.1031, 0.3399, 0.3057

Monochromacy



Original Color

48.0124, 0.3314, 0.2911

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.1774, 0.3194, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0124, 0.3314, 0.2911 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(221, 169, 202)` looks like.

```
.text, #text, p{  
    color:rgb(221, 169, 202)  
}
```

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(221, 169, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 169, 202) }
```

Border

The CSS property to change the border of an element to Yxy 48.0124, 0.3314, 0.2911 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(221, 169, 202) }
```

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

```
.border{ border-color:rgb(221, 169, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 169, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 169, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 169, 202);  
box-shadow:4px 4px 4px 4px rgb(221, 169,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0124, 0.3314, 0.2911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 169, 202) }
```

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

```
.background{ background-color: rgb(221,  
169, 202) }
```

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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