

Converting Colors

$Yxy(46.0528, 0.3280, 0.2855)$

Have a look what the booklet for
Yxy(46.0528, 0.3280, 0.2855)
contains.

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Color

Yxy(45.9738, 0.3274, 0.2848)

Conversions

Conversions Part 1

Format	Color
Hex	D9A5CB
RGB	217, 165, 203
RGB Percent	85%, 65%, 80%
CMY	0.1490, 0.3529, 0.2038
CMYK	0.00, 0.24, 0.06, 0.15
HSL	316°, 41%, 75%
HSV	316°, 24%, 85%
XYZ	52.8505, 45.9738, 62.6006
YIQ	184.8800, 18.7940, 22.8420

Conversions

Conversions Part 2

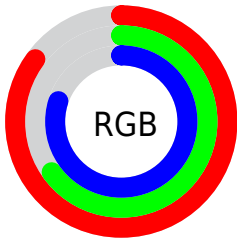
Format	Color
R _{YB}	217, 165, 203
Decimal	14263755
CIE _{Lab}	73.53, 25.26, -11.94
CIE _{LCh}	74, 27.939, 334.690
Yxy	45.9738, 0.3274, 0.2848
Android (android.graphics.Color)	4292453835 (0xFFD9A5CB)
YUV	184.8800, 8.9332, 28.1692
Hunter-Lab	67.8040, 20.4767, -7.2772

Details

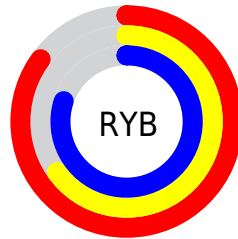
The Yxy color $45.9738, 0.3274, 0.2848$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $60.8770, 0.3007, 0.3777$, and the grayscale version is $48.3886, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6664, 0.3143, 0.2950$, and $21.6616, 0.3315, 0.2738$ is the 20% darker color. If you saturate the color by 10%, you get $38.5276, 0.3352, 0.2659$, and if you desaturate by 10%, it is $54.7626, 0.3206, 0.3037$.

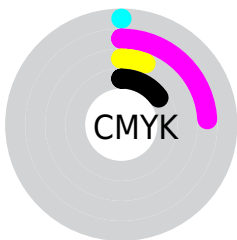
Distribution



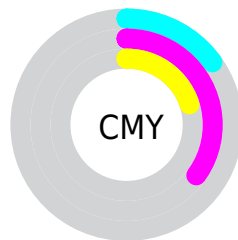
- Red (85%)
- Green (65%)
- Blue (80%)



- Red (85%)
- Yellow (65%)
- Blue (80%)



- Cyan (0%)
- Magenta (24%)
- Yellow (6%)
- Black (15%)




- Cyan (15%)
- Magenta (35%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9738, 0.3274, 0.2848 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 45.9738, 0.3274, 0.2848 by changing the saturation by 10% instead.


 45.9738, 0.3274,
0.2848


 45.9738, 0.3274,
0.2848


370.7033, 0.3204,
0.3061

 32.2251, 0.3290,
0.2797


 84.1798, 0.3249,
0.2924

 21.5335, 0.3311,
0.2733


 109.4059, 0.3240,
0.2953

 13.5145, 0.3337,
0.2649

139.2266, 0.3232,
0.2978

 7.7838, 0.3372,
0.2537

174.0264, 0.3225,
0.2999

 3.9569, 0.3421,
0.2377

214.1895, 0.3219,
0.3018

 1.6495, 0.3492,
0.2134

260.1005, 0.3213,

 0.3906, 0.3720,

0.3034

0.1458

312.1436, 0.3208,
0.3048

0.0000, 0.0000,
0.0000

45.9738, 0.3274,
0.2848

45.9738, 0.3274,
0.2848

38.5276, 0.3352,
0.2659

54.7626, 0.3206,
0.3037

32.3507, 0.3441,
0.2475

64.9502, 0.3148,
0.3220

27.3723, 0.3539,
0.2308

76.5971, 0.3098,
0.3394

23.5119, 0.3645,
0.2166

89.7585, 0.3057,
0.3557

20.6792, 0.3755,
0.2061

92.1076, 0.3024,
0.3527

■ 18.7699, 0.3867,
0.2001

■ 92.4450, 0.2991,
0.3465

■ 17.6571, 0.3976,
0.1989

■ 92.7935, 0.2960,
0.3404

■ 17.2427, 0.4041,
0.2000

■ 93.1532, 0.2928,
0.3344

■ 93.4910, 0.2900,
0.3289

Harmonies

Analogous

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



45.9738, 0.2881, 0.2685



45.9738, 0.3274, 0.2848



45.9738, 0.3646, 0.3113

Triad

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



45.9738, 0.3274, 0.2848



45.9738, 0.3686, 0.3948



45.9738, 0.2431, 0.3075

Complementary

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



45.9738, 0.3274, 0.2848



60.8770, 0.3007, 0.3777

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.



45.9738, 0.2621, 0.3452



45.9738, 0.3274, 0.2848



45.9738, 0.3339, 0.3985

Square

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



45.9738, 0.3274, 0.2848



45.9738, 0.3888, 0.3733



45.9738, 0.2949, 0.3801



45.9738, 0.2416, 0.2793

Rectangle

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



45.9738, 0.3274, 0.2848



45.9738, 0.3822, 0.3321



45.9738, 0.2949, 0.3801



45.9738, 0.2476, 0.3195

Sweetspot

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



45.9758, 0.3274, 0.2848



88.8301, 0.3165, 0.3164



41.4897, 0.2831, 0.2637



18.8176, 0.3168, 0.3153



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.



45.9758, 0.3274, 0.2848



60.3334, 0.3314, 0.2747



44.8428, 0.3509, 0.3146



13.2120, 0.3179, 0.3121



10.4568, 0.4026, 0.1991



0.6915, 0.3863, 0.1902

Inverse Universe

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



45.9758, 0.3274, 0.2848



60.3334, 0.3314, 0.2747



62.0244, 0.2847, 0.3440



13.2120, 0.3179, 0.3121



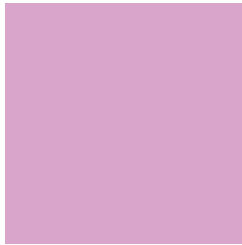
10.4568, 0.4026, 0.1991



0.6915, 0.3863, 0.1902

Previews

White Background



This preview shows how the Yxy color 45.9738, 0.3274, 0.2848 looks on a white background.

Color Contrast Check

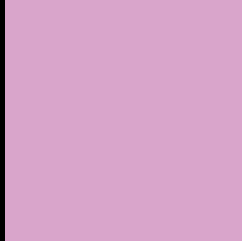
Large Text (above 18pt) WCAG AA × Fail

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 45.9738, 0.3274, 0.2848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

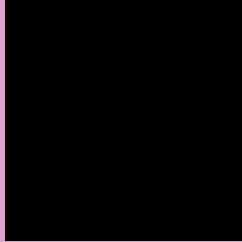
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9738, 0.3274, 0.2848

Background



This preview shows how black text looks on a background with the Yxy color 45.9738, 0.3274, 0.2848.



This preview shows how white text looks on a background with the Yxy color 45.9738, 0.3274, 0.2848.

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

45.9738, 0.3274, 0.2848

Protanopia

46.1076, 0.2845, 0.2871

Deuteranopia

46.0865, 0.3039, 0.2977



Tritanopia

46.0495, 0.3428, 0.3135

Trichromacy



Original Color

45.9738, 0.3274, 0.2848

Protanomaly

45.8227, 0.2986, 0.2858

Deuteranomaly

45.9114, 0.3118, 0.2924

Tritanomaly

46.1700, 0.3367, 0.3029

Monochromacy



Original Color

45.9738, 0.3274, 0.2848

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.5169, 0.3178, 0.3117

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9738, 0.3274, 0.2848 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, 165, 203)` looks like.

```
.text, #text, p{  
    color:rgb(217, 165, 203)  
}
```

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, 165, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 165, 203) }
```

Border

The CSS property to change the border of an element to Yxy 45.9738, 0.3274, 0.2848 is called "border". The border property can be set on classes, ids or directly on the HTML element.

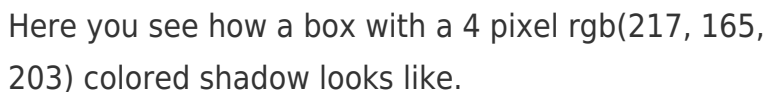
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 165, 203) }
```

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

```
.border{ border-color:rgb(217, 165, 203) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 165, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 165, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 165, 203); box-shadow:4px 4px 4px 4px rgb(217, 165, 203) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9738, 0.3274, 0.2848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 165, 203) }
```

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

```
.background{ background-color: rgb(217,  
165, 203) }
```

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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