

Converting Colors

$Yxy(45.8343, 0.3505, 0.3212)$

Have a look what the booklet for
Yxy(45.8343, 0.3505, 0.3212)
contains.

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Color

Yxy(45.9182, 0.3501, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	D7A9AF
RGB	215, 169, 175
RGB Percent	84%, 66%, 69%
CMY	0.1570, 0.3372, 0.3137
CMYK	0.00, 0.21, 0.19, 0.16
HSL	352°, 36%, 75%
HSV	352°, 21%, 84%
XYZ	49.9409, 45.9182, 46.7883
YIQ	183.4380, 25.4900, 11.6180

Conversions

Conversions Part 2

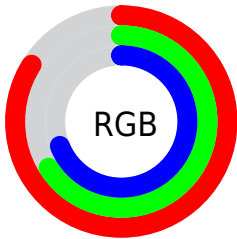
Format	Color
R _Y B	215, 169, 175
Decimal	14133679
CIE Lab	73.49, 17.72, 3.37
CIE LCh	73, 18.043, 10.778
Yxy	45.9182, 0.3501, 0.3219
Android (android.graphics.Color)	4292323759 (0xFFD7A9AF)
YUV	183.4380, -4.1599, 27.6799
Hunter-Lab	67.7630, 12.9681, 6.4961

Details

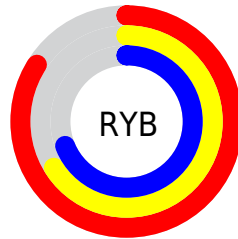
The Yxy color $45.9182, 0.3501, 0.3219$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $61.6194, 0.2847, 0.3363$, and the grayscale version is $47.6195, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.2845, 0.3307, 0.3231$, and $21.6262, 0.3610, 0.3195$ is the 20% darker color. If you saturate the color by 10%, you get $37.8830, 0.3744, 0.3184$, and if you desaturate by 10%, it is $55.3742, 0.3304, 0.3253$.

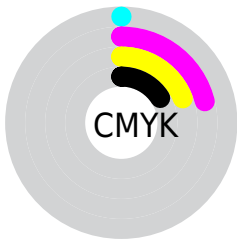
Distribution



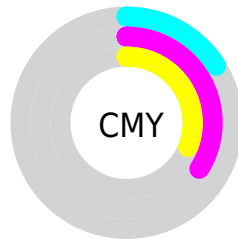
- Red (84%)
- Green (66%)
- Blue (69%)



- Red (84%)
- Yellow (66%)
- Blue (69%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9182, 0.3501, 0.3219 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 45.9182, 0.3501, 0.3219 by changing the saturation by 10% instead.


 45.9182, 0.3501,
0.3219


 45.9182, 0.3501,
0.3219

370.4797, 0.3313,
0.3256

 32.1813, 0.3548,
0.3209


 84.0966, 0.3432,
0.3233

 21.5000, 0.3610,
0.3196


 109.3068, 0.3407,
0.3238

 13.4900, 0.3692,
0.3178

139.1102, 0.3385,
0.3242

 7.7668, 0.3807,
0.3152

173.8913, 0.3366,
0.3246

 3.9461, 0.3980,
0.3111

214.0344, 0.3350,
0.3249

 1.6435, 0.4271,
0.3037

259.9239, 0.3336,

 0.3866, 0.5833,

0.3252

0.2818

311.9442, 0.3324,
0.3254

0.0000, 0.0000,
0.0000

45.9182, 0.3501,
0.3219

45.9182, 0.3501,
0.3219

37.8830, 0.3744,
0.3184

55.3742, 0.3304,
0.3253

31.1939, 0.4043,
0.3150

66.3084, 0.3146,
0.3286

25.7791, 0.4399,
0.3121

78.7827, 0.3019,
0.3316

21.5574, 0.4809,
0.3102

92.8499, 0.2916,
0.3343

18.4383, 0.5250,
0.3101

93.1807, 0.2888,
0.3289

■ 16.3183, 0.5678,
0.3123

■ 15.0741, 0.6033,
0.3170

■ 14.5244, 0.6249,
0.3216

Harmonies

Analogous

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



45.9182, 0.3277, 0.3029



45.9182, 0.3501, 0.3219



45.9182, 0.3622, 0.3433

Triad

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



45.9182, 0.3501, 0.3219



45.9182, 0.3219, 0.3717



45.9182, 0.2670, 0.2943

Complementary

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



45.9182, 0.3501, 0.3219



61.6194, 0.2847, 0.3363

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.



45.9182, 0.2657, 0.3114



45.9182, 0.3501, 0.3219



45.9182, 0.2967, 0.3574

Square

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



45.9182, 0.3501, 0.3219



45.9182, 0.3453, 0.3730



45.9182, 0.2763, 0.3348



45.9182, 0.2800, 0.2870

Rectangle

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



45.9182, 0.3501, 0.3219



45.9182, 0.3625, 0.3565



45.9182, 0.2763, 0.3348



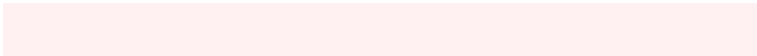
45.9182, 0.2652, 0.2990

Sweetspot

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



45.9203, 0.3501, 0.3219



89.7960, 0.3216, 0.3271



46.8195, 0.3099, 0.2753



18.9929, 0.3227, 0.3269



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.



45.9203, 0.3501, 0.3219



61.5726, 0.3613, 0.3202



52.3673, 0.3515, 0.3492



12.4469, 0.3271, 0.3260



8.6999, 0.6224, 0.3202



0.5336, 0.5835, 0.2988

Inverse Universe

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



45.9203, 0.3501, 0.3219



61.5726, 0.3613, 0.3202



53.7824, 0.2796, 0.3079



12.4469, 0.3271, 0.3260



8.6999, 0.6224, 0.3202



0.5336, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 45.9182, 0.3501, 0.3219 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 45.9182, 0.3501, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

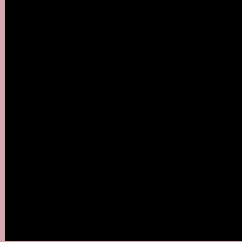
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.9182, 0.3501, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 45.9182, 0.3501, 0.3219.



This preview shows how white text looks on a background with the Yxy color 45.9182, 0.3501, 0.3219.

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

45.9182, 0.3501, 0.3219

Protanopia

46.1691, 0.3154, 0.3277

Deuteranopia

46.1334, 0.3369, 0.3303



Tritanopia

45.9404, 0.3458, 0.3136

Trichromacy



Original Color

45.9182, 0.3501, 0.3219

Protanomaly

45.9074, 0.3271, 0.3252

Deuteranomaly

46.0649, 0.3419, 0.3279

Tritanomaly

45.8589, 0.3476, 0.3159

Monochromacy



Original Color

45.9182, 0.3501, 0.3219

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

46.7382, 0.3260, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9182, 0.3501, 0.3219 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(215, 169, 175)` looks like.

```
.text, #text, p{  
    color:rgb(215, 169, 175)  
}
```

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(215, 169, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 169, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.9182, 0.3501, 0.3219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

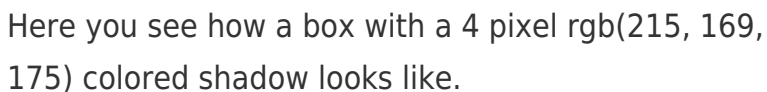
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 169, 175) }
```

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

```
.border{ border-color:rgb(215, 169, 175) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 169, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 169, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 169, 175); box-shadow:4px 4px 4px 4px rgb(215, 169, 175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9182, 0.3501, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 169, 175) }
```

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

```
.background{ background-color: rgb(215,  
169, 175) }
```

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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