

Converting Colors

$Yxy(45.2824, 0.3619, 0.3428)$

Have a look what the booklet for
Yxy(45.2824, 0.3619, 0.3428)
contains.

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Color

Yxy(45.2497, 0.3619, 0.3427)

Conversions

Conversions Part 1

Format	Color
Hex	D4AA9F
RGB	212, 170, 159
RGB Percent	83%, 67%, 62%
CMY	0.1686, 0.3333, 0.3766
CMYK	0.00, 0.20, 0.25, 0.17
HSL	12°, 38%, 73%
HSV	12°, 25%, 83%
XYZ	47.7848, 45.2497, 39.0043
YIQ	181.3040, 28.5630, 5.4830

Conversions

Conversions Part 2

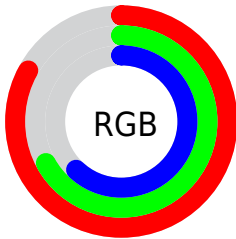
Format	Color
R _Y B	212, 173, 159
Decimal	13937311
CIE Lab	73.06, 13.71, 11.50
CIE LCh	73, 17.900, 39.990
Yxy	45.2497, 0.3619, 0.3427
Android (android.graphics.Color)	4292127391 (0xFFD4AA9F)
YUV	181.3040, -10.9959, 26.9204
Hunter-Lab	67.2679, 9.0816, 12.7091

Details

The Yxy color **45.2497, 0.3619, 0.3427** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.8883, 0.2749, 0.3148**, and the grayscale version is **46.4313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9655, 0.3416, 0.3401**, and **21.2077, 0.3763, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **38.6786, 0.3888, 0.3485**, and if you desaturate by 10%, it is **52.7554, 0.3394, 0.3370**.

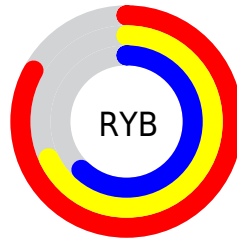
Distribution



Red (83%)

Green (67%)

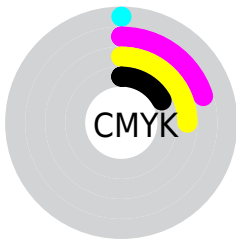
Blue (62%)



Red (83%)

Yellow (68%)

Blue (62%)

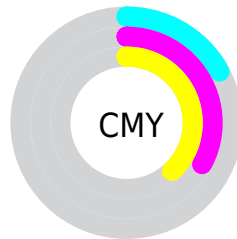


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (33%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2497, 0.3619, 0.3427 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 45.2497, 0.3619, 0.3427 by changing the saturation by 10% instead.

 45.2497, 0.3619,
0.3427


 45.2497, 0.3619,
0.3427


367.7839, 0.3370,
0.3363

 31.6542, 0.3682,
0.3442


 83.0950, 0.3528,
0.3405

 21.0975, 0.3764,
0.3459


 108.1135, 0.3494,
0.3396

 13.1953, 0.3873,
0.3481


137.7085, 0.3465,
0.3389

 7.5631, 0.4027,
0.3509

172.2643, 0.3440,
0.3382

 3.8167, 0.4259,
0.3542

212.1654, 0.3419,
0.3376

 1.5716, 0.4657,
0.3587

257.7961, 0.3401,

 0.3383, 0.6599,

0.3371

0.3401

309.5408, 0.3384,
0.3367

0.0000, 0.0000,
0.0000

45.2497, 0.3619,
0.3427

45.2497, 0.3619,
0.3427

38.6786, 0.3888,
0.3485

52.7554, 0.3394,
0.3370

32.9993, 0.4206,
0.3541

61.2241, 0.3208,
0.3316

28.1747, 0.4572,
0.3587

70.6907, 0.3054,
0.3266

24.1627, 0.4974,
0.3616

81.1864, 0.2926,
0.3220

20.9175, 0.5385,
0.3619

92.0815, 0.2871,
0.3279

■ 18.3885, 0.5763,
0.3585

■ 92.7389, 0.2872,
0.3289

■ 16.5187, 0.6059,
0.3517

■ 15.8066, 0.6175,
0.3479

Harmonies

Analogous

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



45.2497, 0.3495, 0.3214



45.2497, 0.3619, 0.3427



45.2497, 0.3604, 0.3616

Triad

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



45.2497, 0.3619, 0.3427



45.2497, 0.2973, 0.3578



45.2497, 0.2796, 0.2872

Complementary

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



45.2497, 0.3619, 0.3427



53.8883, 0.2749, 0.3148

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.



45.2497, 0.2669, 0.2947



45.2497, 0.3619, 0.3427



45.2497, 0.2768, 0.3354

Square

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



45.2497, 0.3619, 0.3427



45.2497, 0.3225, 0.3718



45.2497, 0.2659, 0.3121



45.2497, 0.3014, 0.2902

Rectangle

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



45.2497, 0.3619, 0.3427



45.2497, 0.3519, 0.3702



45.2497, 0.2659, 0.3121



45.2497, 0.2742, 0.2885

Sweetspot

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



45.2518, 0.3619, 0.3427



88.8755, 0.3262, 0.3332



43.0226, 0.3249, 0.2788



18.5988, 0.3289, 0.3340



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.



45.2518, 0.3619, 0.3427



63.2594, 0.3756, 0.3458



56.0267, 0.3545, 0.3735



12.8350, 0.3286, 0.3339



9.8743, 0.6153, 0.3496



0.7169, 0.5819, 0.3762

Inverse Universe

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



53.8883, 0.2749, 0.3148



78.5317, 0.2674, 0.3114



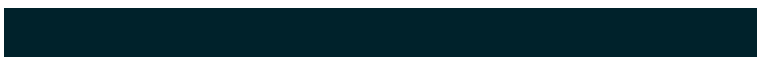
42.7380, 0.2719, 0.2801



13.6490, 0.2982, 0.3240



20.3532, 0.2059, 0.2612



1.3404, 0.2095, 0.2742

Previews

White Background



This preview shows how the Yxy color 45.2497, 0.3619, 0.3427 looks on a white background.

Color Contrast Check

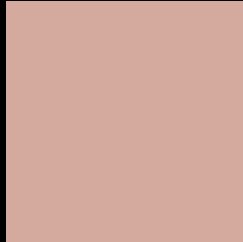
Large Text (above 18pt) WCAG AA × Fail

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 45.2497, 0.3619, 0.3427 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

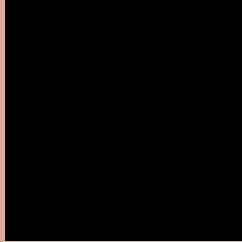
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2497, 0.3619, 0.3427

Background



This preview shows how black text looks on a background with the Yxy color 45.2497, 0.3619, 0.3427.



This preview shows how white text looks on a background with the Yxy color 45.2497, 0.3619, 0.3427.

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

45.2497, 0.3619, 0.3427

Protanopia

45.4853, 0.3321, 0.3488

Deuteranopia

45.3349, 0.3553, 0.3480



Tritanopia

45.2289, 0.3450, 0.3134

Trichromacy



Original Color

45.2497, 0.3619, 0.3427

Protanomaly

45.3951, 0.3426, 0.3471

Deuteranomaly

45.3836, 0.3584, 0.3466

Tritanomaly

45.1300, 0.3513, 0.3242

Monochromacy



Original Color

45.2497, 0.3619, 0.3427

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.6679, 0.3293, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2497, 0.3619, 0.3427 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(212, 170, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 170, 159)  
}
```

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(212, 170, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 170, 159) }
```

Border

The CSS property to change the border of an element to Yxy 45.2497, 0.3619, 0.3427 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(212, 170, 159) }
```

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

```
.border{ border-color:rgb(212, 170, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 170, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 170, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 170, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 170,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2497, 0.3619, 0.3427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 170, 159) }
```

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

```
.background{ background-color: rgb(212,  
170, 159) }
```

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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