

Converting Colors

$Yxy(45.2325, 0.3699, 0.3423)$

Have a look what the booklet for
Yxy(45.2325, 0.3699, 0.3423)
contains.

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Color

Yxy(45.3450, 0.3701, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	DAA89D
RGB	218, 168, 157
RGB Percent	85%, 66%, 62%
CMY	0.1449, 0.3412, 0.3842
CMYK	0.00, 0.23, 0.28, 0.14
HSL	11°, 45%, 74%
HSV	11°, 28%, 86%
XYZ	49.0134, 45.3450, 38.0744
YIQ	181.6960, 33.3310, 7.1790

Conversions

Conversions Part 2

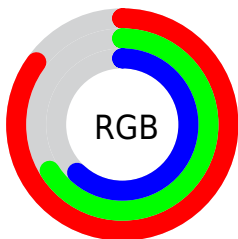
Format	Color
R _Y B	218, 170, 157
Decimal	14330013
CIE Lab	73.12, 16.82, 12.75
CIE LCh	73, 21.109, 37.156
Yxy	45.3450, 0.3701, 0.3424
Android (android.graphics.Color)	4292520093 (0xFFDAA89D)
YUV	181.6960, -12.1751, 31.8386
Hunter-Lab	67.3387, 12.0809, 13.6135

Details

The Yxy color $45.3450, 0.3701, 0.3424$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $56.8986, 0.2708, 0.3151$, and the grayscale version is $46.6621, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.7888, 0.3433, 0.3402$, and $21.2128, 0.3865, 0.3453$ is the 20% darker color. If you saturate the color by 10%, you get $38.5120, 0.3991, 0.3474$, and if you desaturate by 10%, it is $53.2235, 0.3460, 0.3374$.

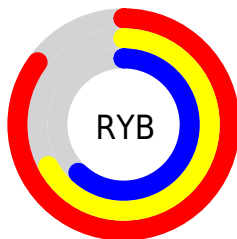
Distribution



Red (85%)

Green (66%)

Blue (62%)



Red (85%)

Yellow (67%)

Blue (62%)

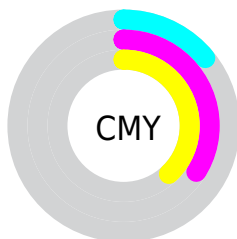


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (14%)



Cyan (14%)


Magenta (34%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3450, 0.3701, 0.3424 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 45.3450, 0.3701, 0.3424 by changing the saturation by 10% instead.


 45.3450, 0.3701,
0.3424

 45.3450, 0.3701,
0.3424


368.1690, 0.3410,
0.3363

 31.7293, 0.3775,
0.3437


 83.2379, 0.3594,
0.3403

 21.1548, 0.3870,
0.3453


 108.2838, 0.3555,
0.3395

 13.2372, 0.3997,
0.3471


137.9086, 0.3521,
0.3388

 7.5921, 0.4176,
0.3493

172.4966, 0.3492,
0.3382

 3.8351, 0.4444,
0.3515

212.4323, 0.3468,
0.3376

 1.5817, 0.4911,
0.3543

258.1000, 0.3446,

 0.3452, 0.6815,

0.3371

0.3185

309.8841, 0.3427,
0.3367

0.0000, 0.0000,
0.0000

45.3450, 0.3701,
0.3424

45.3450, 0.3701,
0.3424

38.5120, 0.3991,
0.3474

53.2235, 0.3460,
0.3374

32.6742, 0.4332,
0.3520

62.1825, 0.3261,
0.3326

27.7867, 0.4722,
0.3556

72.2631, 0.3097,
0.3281

23.7985, 0.5143,
0.3573

83.5023, 0.2962,
0.3240

20.6537, 0.5560,
0.3563

93.6527, 0.2906,
0.3289

■ 18.2901, 0.5922,
0.3520

■ 16.6341, 0.6183,
0.3451

■ 16.3759, 0.6227,
0.3438

Harmonies

Analogous

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



45.3450, 0.3540, 0.3176



45.3450, 0.3701, 0.3424



45.3450, 0.3698, 0.3652

Triad

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



45.3450, 0.3701, 0.3424



45.3450, 0.2971, 0.3654



45.3450, 0.2719, 0.2803

Complementary

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



45.3450, 0.3701, 0.3424



56.8986, 0.2708, 0.3151

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.



45.3450, 0.2584, 0.2900



45.3450, 0.3701, 0.3424



45.3450, 0.2724, 0.3391

Square

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



45.3450, 0.3701, 0.3424



45.3450, 0.3269, 0.3805



45.3450, 0.2586, 0.3111



45.3450, 0.2965, 0.2829

Rectangle

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



45.3450, 0.3701, 0.3424



45.3450, 0.3606, 0.3763



45.3450, 0.2586, 0.3111



45.3450, 0.2660, 0.2822

Sweetspot

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



45.3471, 0.3701, 0.3424



88.5391, 0.3262, 0.3326



43.5803, 0.3248, 0.2704



18.5148, 0.3290, 0.3333



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.



45.3471, 0.3701, 0.3424



58.3297, 0.3878, 0.3456



57.6005, 0.3607, 0.3768



13.4280, 0.3287, 0.3333



9.9183, 0.6206, 0.3455



0.7576, 0.5906, 0.3692

Inverse Universe

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



56.8986, 0.2708, 0.3151



77.5568, 0.2621, 0.3115



43.8211, 0.2668, 0.2760



14.4108, 0.2982, 0.3247



22.4499, 0.2086, 0.2708



1.5605, 0.2115, 0.2813

Previews

White Background



This preview shows how the Yxy color 45.3450, 0.3701, 0.3424 looks on a white background.

Color Contrast Check

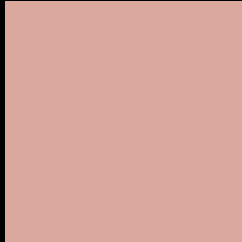
Large Text (above 18pt) WCAG AA × Fail

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 45.3450, 0.3701, 0.3424 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 45.3450, 0.3701, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 45.3450, 0.3701, 0.3424.



This preview shows how white text looks on a background with the Yxy color 45.3450, 0.3701, 0.3424.

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

45.3450, 0.3701, 0.3424

Protanopia

45.4493, 0.3330, 0.3501

Deuteranopia

45.4093, 0.3581, 0.3504



Tritanopia

45.3403, 0.3529, 0.3137

Trichromacy



Original Color

45.3450, 0.3701, 0.3424

Protanomaly

45.2389, 0.3456, 0.3470

Deuteranomaly

45.2278, 0.3624, 0.3477

Tritanomaly

45.2348, 0.3593, 0.3244

Monochromacy



Original Color

45.3450, 0.3701, 0.3424

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.0635, 0.3320, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3450, 0.3701, 0.3424 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(218, 168, 157)` looks like.

```
.text, #text, p{  
    color:rgb(218, 168, 157)  
}
```

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(218, 168, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 168, 157) }
```

Border

The CSS property to change the border of an element to Yxy 45.3450, 0.3701, 0.3424 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(218, 168, 157) }
```

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

```
.border{ border-color:rgb(218, 168, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 168, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 168, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 168, 157);  
box-shadow:4px 4px 4px 4px rgb(218, 168,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3450, 0.3701, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 168, 157) }
```

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

```
.background{ background-color: rgb(218,  
168, 157) }
```

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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