

Converting Colors

$Yxy(45.7315, 0.3588, 0.3402)$

Have a look what the booklet for
Yxy(45.7315, 0.3588, 0.3402)
contains.

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Color

Yxy(45.7315, 0.3588, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	D4ABA2
RGB	212, 171, 162
RGB Percent	83%, 67%, 64%
CMY	0.1687, 0.3294, 0.3647
CMYK	0.00, 0.19, 0.24, 0.17
HSL	11°, 37%, 73%
HSV	11°, 24%, 83%
XYZ	48.2318, 45.7315, 40.4620
YIQ	182.2330, 27.3250, 5.8930

Conversions

Conversions Part 2

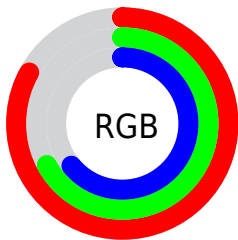
Format	Color
R_{YB}	212, 173, 162
Decimal	13937570
CIE Lab	73.37, 13.59, 10.30
CIE LCh	73, 17.053, 37.151
Yxy	45.7315, 0.3588, 0.3402
Android (android.graphics.Color)	4292127650 (0xFFD4ABA2)
YUV	182.2330, -9.9749, 26.1057
Hunter-Lab	67.6251, 8.9666, 11.8626

Details

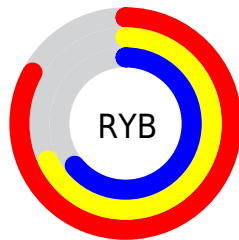
The Yxy color **45.7315, 0.3588, 0.3402** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.1273, 0.2772, 0.3175**, and the grayscale version is **46.9571, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6625, 0.3394, 0.3381**, and **21.4875, 0.3732, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **38.9041, 0.3855, 0.3453**, and if you desaturate by 10%, it is **53.5528, 0.3367, 0.3353**.

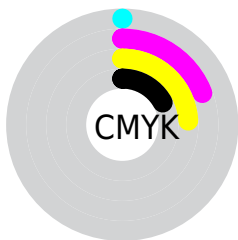
Distribution



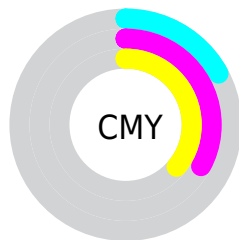
- Red (83%)
- Green (67%)
- Blue (64%)



- Red (83%)
- Yellow (68%)
- Blue (64%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.7315, 0.3588, 0.3402 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 45.7315, 0.3588, 0.3402 by changing the saturation by 10% instead.


 45.7315, 0.3588,
0.3402

 45.7315, 0.3588,
0.3402


369.7281, 0.3355,
0.3350

 32.0340, 0.3647,
0.3414


 83.8170, 0.3503,
0.3384

 21.3875, 0.3723,
0.3428


 108.9738, 0.3471,
0.3377

 13.4075, 0.3825,
0.3446


138.7192, 0.3444,
0.3371

 7.7098, 0.3968,
0.3467

173.4375, 0.3421,
0.3366

 3.9098, 0.4184,
0.3494

213.5132, 0.3401,
0.3361

 1.6232, 0.4545,
0.3521

259.3305, 0.3384,

 0.3732, 0.6478,

0.3357

0.3522

311.2741, 0.3369,
0.3353

0.0000, 0.0000,
0.0000

45.7315, 0.3588,
0.3402

45.7315, 0.3588,
0.3402

38.9041, 0.3855,
0.3453

53.5528, 0.3367,
0.3353

33.0245, 0.4172,
0.3501

62.3993, 0.3184,
0.3306

28.0525, 0.4541,
0.3543

72.3085, 0.3034,
0.3263

23.9422, 0.4950,
0.3570

83.3142, 0.2910,
0.3223

20.6440, 0.5373,
0.3573

92.7349, 0.2872,
0.3289

■ 18.1026, 0.5766,
0.3545

■ 16.2559, 0.6076,
0.3485

■ 15.3975, 0.6223,
0.3441

Harmonies

Analogous

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



45.7315, 0.3459, 0.3199



45.7315, 0.3588, 0.3402



45.7315, 0.3587, 0.3586

Triad

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



45.7315, 0.3588, 0.3402



45.7315, 0.3003, 0.3580



45.7315, 0.2797, 0.2895

Complementary

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



45.7315, 0.3588, 0.3402



55.1273, 0.2772, 0.3175

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.



45.7315, 0.2686, 0.2977



45.7315, 0.3588, 0.3402



45.7315, 0.2801, 0.3373

Square

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



45.7315, 0.3588, 0.3402



45.7315, 0.3243, 0.3701



45.7315, 0.2687, 0.3149



45.7315, 0.2998, 0.2914

Rectangle

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



45.7315, 0.3588, 0.3402



45.7315, 0.3514, 0.3672



45.7315, 0.2687, 0.3149



45.7315, 0.2748, 0.2911

Sweetspot

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



45.7336, 0.3588, 0.3402



89.9222, 0.3244, 0.3322



44.1749, 0.3226, 0.2799



19.0691, 0.3255, 0.3325



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.



45.7336, 0.3588, 0.3402



64.4031, 0.3708, 0.3426



55.7769, 0.3523, 0.3690



12.7796, 0.3287, 0.3333



9.6123, 0.6203, 0.3457



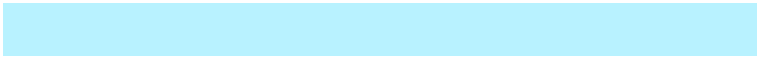
0.6910, 0.5884, 0.3710

Inverse Universe

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



55.1273, 0.2772, 0.3175



80.9336, 0.2705, 0.3149



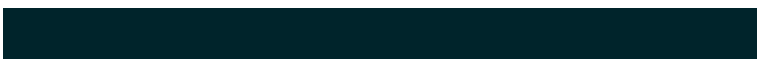
44.5351, 0.2746, 0.2855



13.7089, 0.2983, 0.3247



21.6958, 0.2085, 0.2706



1.4103, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 45.7315, 0.3588, 0.3402 looks on a white background.

Color Contrast Check

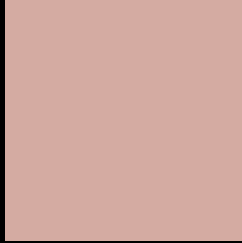
Large Text (above 18pt) WCAG AA × Fail

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 45.7315, 0.3588, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

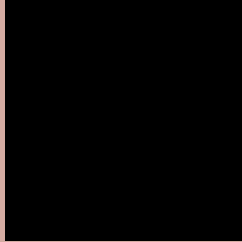
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.7315, 0.3588, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 45.7315, 0.3588, 0.3402.



This preview shows how white text looks on a background with the Yxy color 45.7315, 0.3588, 0.3402.

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

45.7315, 0.3588, 0.3402

Protanopia

45.9973, 0.3295, 0.3461

Deuteranopia

45.8244, 0.3523, 0.3454



Tritanopia

45.6376, 0.3439, 0.3134

Trichromacy



Original Color

45.7315, 0.3588, 0.3402

Protanomaly

45.8967, 0.3398, 0.3445

Deuteranomaly

45.8702, 0.3554, 0.3440

Tritanomaly

45.5781, 0.3492, 0.3230

Monochromacy



Original Color

45.7315, 0.3588, 0.3402

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.2734, 0.3284, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7315, 0.3588, 0.3402 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, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 171, 162)  
}
```

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, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 171, 162) }
```

Border

The CSS property to change the border of an element to Yxy 45.7315, 0.3588, 0.3402 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, 171, 162) }
```

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

```
.border{ border-color:rgb(212, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(212, 171,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7315, 0.3588, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 171, 162) }
```

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

```
.background{ background-color: rgb(212,  
171, 162) }
```

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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