

Converting Colors

$Yxy(45.0634, 0.3717, 0.3427)$

Have a look what the booklet for
Yxy(45.0634, 0.3717, 0.3427)
contains.

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Color

Yxy(44.9432, 0.3713, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	DAA79C
RGB	218, 167, 156
RGB Percent	85%, 65%, 61%
CMY	0.1453, 0.3450, 0.3883
CMYK	0.00, 0.23, 0.28, 0.15
HSL	11°, 46%, 73%
HSV	11°, 28%, 85%
XYZ	48.7224, 44.9432, 37.5555
YIQ	180.9950, 33.9270, 7.3910

Conversions

Conversions Part 2

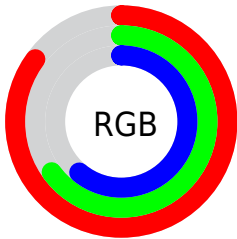
Format	Color
R _Y B	218, 169, 156
Decimal	14329756
CIE Lab	72.85, 17.17, 12.94
CIE LCh	73, 21.495, 37.003
Yxy	44.9432, 0.3713, 0.3425
Android (android.graphics.Color)	4292519836 (0xFFDAA79C)
YUV	180.9950, -12.3225, 32.4534
Hunter-Lab	67.0397, 12.4088, 13.7137

Details

The Yxy color **44.9432, 0.3713, 0.3425** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **56.7148, 0.2702, 0.3150**, and the grayscale version is **46.2593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1557, 0.3449, 0.3412**, and **20.9628, 0.3884, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **38.1552, 0.4005, 0.3475**, and if you desaturate by 10%, it is **52.7772, 0.3470, 0.3375**.

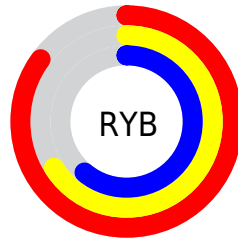
Distribution



Red (85%)

Green (65%)

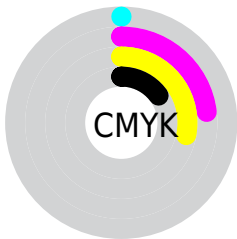
Blue (61%)



Red (85%)

Yellow (66%)

Blue (61%)

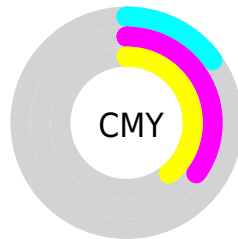


Cyan (0%)

Magenta (23%)

Yellow (28%)

Black (15%)



Cyan (15%)


Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9432, 0.3713, 0.3425 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 44.9432, 0.3713, 0.3425 by changing the saturation by 10% instead.


 44.9432, 0.3713,
0.3425

 44.9432, 0.3713,
0.3425


366.5435, 0.3416,
0.3364

 31.4127, 0.3788,
0.3438


 82.6352, 0.3604,
0.3404

 20.9133, 0.3886,
0.3454


 107.5654, 0.3563,
0.3396

 13.0606, 0.4017,
0.3472


137.0644, 0.3529,
0.3389

 7.4703, 0.4200,
0.3493

171.5164, 0.3500,
0.3383

 3.7579, 0.4476,
0.3514

211.3060, 0.3474,
0.3377

 1.5391, 0.4968,
0.3546

256.8174, 0.3452,

 0.3160, 0.6948,

0.3372

0.3052

308.4351, 0.3433,
0.3368

0.0000, 0.0000,
0.0000

44.9432, 0.3713,
0.3425

44.9432, 0.3713,
0.3425

38.1552, 0.4005,
0.3475

52.7772, 0.3470,
0.3375

32.3626, 0.4350,
0.3520

61.6925, 0.3269,
0.3328

27.5202, 0.4742,
0.3555

71.7304, 0.3103,
0.3283

23.5765, 0.5164,
0.3571

82.9283, 0.2967,
0.3243

20.4751, 0.5580,
0.3559

93.6386, 0.2905,
0.3289

■ 18.1531, 0.5939,
0.3515

■ 16.5353, 0.6196,
0.3445

■ 16.3371, 0.6229,
0.3436

Harmonies

Analogous

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



44.9432, 0.3548, 0.3172



44.9432, 0.3713, 0.3425



44.9432, 0.3711, 0.3658

Triad

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



44.9432, 0.3713, 0.3425



44.9432, 0.2969, 0.3663



44.9432, 0.2710, 0.2793

Complementary

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



44.9432, 0.3713, 0.3425



56.7148, 0.2702, 0.3150

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.



44.9432, 0.2573, 0.2893



44.9432, 0.3713, 0.3425



44.9432, 0.2717, 0.3394

Square

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



44.9432, 0.3713, 0.3425



44.9432, 0.3273, 0.3817



44.9432, 0.2575, 0.3109



44.9432, 0.2960, 0.2819

Rectangle

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



44.9432, 0.3713, 0.3425



44.9432, 0.3617, 0.3772



44.9432, 0.2575, 0.3109



44.9432, 0.2650, 0.2812

Sweetspot

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



44.9453, 0.3713, 0.3425



87.1585, 0.3281, 0.3331



43.2087, 0.3251, 0.2694



18.2379, 0.3308, 0.3337



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.



44.9453, 0.3713, 0.3425



58.2704, 0.3878, 0.3454



57.3680, 0.3616, 0.3776



13.4245, 0.3287, 0.3332



9.9034, 0.6208, 0.3452



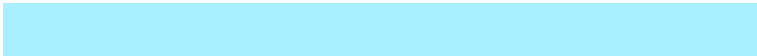
0.7559, 0.5910, 0.3689

Inverse Universe

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



56.7148, 0.2702, 0.3150



77.6406, 0.2621, 0.3117



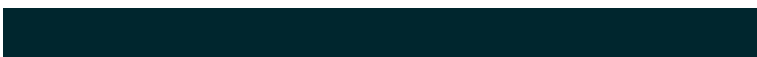
43.4316, 0.2660, 0.2750



14.4146, 0.2982, 0.3247



22.5352, 0.2087, 0.2714



1.5653, 0.2116, 0.2818

Previews

White Background



This preview shows how the Yxy color 44.9432, 0.3713, 0.3425 looks on a white background.

Color Contrast Check

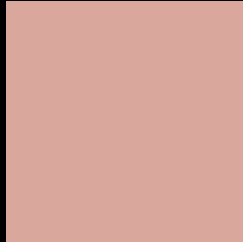
Large Text (above 18pt) WCAG AA × Fail

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 44.9432, 0.3713, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

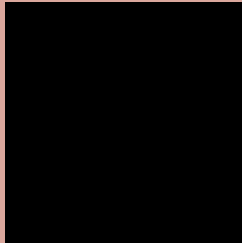
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9432, 0.3713, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 44.9432, 0.3713, 0.3425.



This preview shows how white text looks on a background with the Yxy color 44.9432, 0.3713, 0.3425.

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

44.9432, 0.3713, 0.3425

Protanopia

44.8885, 0.3331, 0.3502

Deuteranopia

44.8507, 0.3583, 0.3505



Tritanopia

44.9409, 0.3541, 0.3137

Trichromacy



Original Color

44.9432, 0.3713, 0.3425

Protanomaly

44.8159, 0.3467, 0.3470

Deuteranomaly

44.8176, 0.3637, 0.3478

Tritanomaly

44.8349, 0.3605, 0.3244

Monochromacy



Original Color

44.9432, 0.3713, 0.3425

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.4986, 0.3321, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9432, 0.3713, 0.3425 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, 167, 156)` looks like.

```
.text, #text, p{  
    color:rgb(218, 167, 156)  
}
```

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, 167, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 167, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.9432, 0.3713, 0.3425 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, 167, 156) }
```

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

```
.border{ border-color:rgb(218, 167, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 167, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 167, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 167, 156);  
box-shadow:4px 4px 4px 4px rgb(218, 167,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9432, 0.3713, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 167, 156) }
```

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

```
.background{ background-color: rgb(218,  
167, 156) }
```

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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