

Converting Colors

$Yxy(42.7878, 0.3819, 0.3451)$

Have a look what the booklet for
Yxy(42.7878, 0.3819, 0.3451)
contains.

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Color

Yxy(42.6879, 0.3822, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	DBA194
RGB	219, 161, 148
RGB Percent	86%, 63%, 58%
CMY	0.1412, 0.3686, 0.4195
CMYK	0.00, 0.26, 0.32, 0.14
HSL	11°, 50%, 72%
HSV	11°, 32%, 86%
XYZ	47.3045, 42.6879, 33.7765
YIQ	176.8600, 38.7410, 8.2530

Conversions

Conversions Part 2

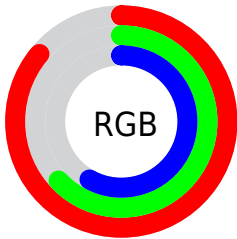
Format	Color
R _{YB}	219, 164, 148
Decimal	14393748
CIE Lab	71.34, 19.76, 15.20
CIE LCh	71, 24.933, 37.569
Yxy	42.6879, 0.3822, 0.3449
Android (android.graphics.Color)	4292583828 (0xFFDBA194)
YUV	176.8600, -14.2280, 36.9568
Hunter-Lab	65.3360, 14.8994, 15.0842

Details

The Yxy color **42.6879, 0.3822, 0.3449** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.5671, 0.2646, 0.3123**, and the grayscale version is **43.9519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.6360, 0.3518, 0.3434**, and **19.5869, 0.4044, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **36.2467, 0.4134, 0.3499**, and if you desaturate by 10%, it is **50.1596, 0.3560, 0.3398**.

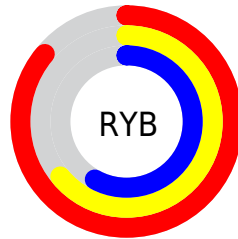
Distribution



Red (86%)

Green (63%)

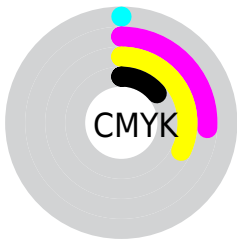
Blue (58%)



Red (86%)

Yellow (64%)

Blue (58%)

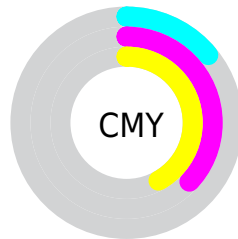


Cyan (0%)

Magenta (26%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (37%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6879, 0.3822, 0.3449 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 42.6879, 0.3822, 0.3449 by changing the saturation by 10% instead.


 42.6879, 0.3822,
0.3449

 42.6879, 0.3822,
0.3449


357.3267, 0.3466,
0.3378

 29.6403, 0.3913,
0.3464


 79.2397, 0.3691,
0.3425

 19.5657, 0.4031,
0.3481


 103.5127, 0.3642,
0.3416

 12.0798, 0.4190,
0.3500


132.2962, 0.3601,
0.3407

 6.7980, 0.4415,
0.3520

165.9748, 0.3566,
0.3400

 3.3361, 0.4753,
0.3533

204.9327, 0.3536,
0.3394

 1.3096, 0.5511,
0.3642

249.5544, 0.3510,

 0.1486, 0.8076,

0.3388

0.1924

300.2243, 0.3487,
0.3383

0.0000, 0.0000,
0.0000

42.6879, 0.3822,
0.3449

42.6879, 0.3822,
0.3449

36.2467, 0.4134,
0.3499

50.1596, 0.3560,
0.3398

30.7846, 0.4497,
0.3542

58.6982, 0.3344,
0.3348

26.2550, 0.4902,
0.3572

68.3457, 0.3165,
0.3301

22.6050, 0.5326,
0.3578

79.1400, 0.3018,
0.3257

19.7761, 0.5724,
0.3554

90.9532, 0.2910,
0.3244

■ 17.7024, 0.6046,
0.3496

■ 93.7993, 0.2911,
0.3289

■ 16.5791, 0.6222,
0.3442

Harmonies

Analogous

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



42.6879, 0.3629, 0.3155



42.6879, 0.3822, 0.3449



42.6879, 0.3814, 0.3723

Triad

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



42.6879, 0.3822, 0.3449



42.6879, 0.2933, 0.3729



42.6879, 0.2641, 0.2708

Complementary

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



42.6879, 0.3822, 0.3449



55.5671, 0.2646, 0.3123

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.



42.6879, 0.2480, 0.2817



42.6879, 0.3822, 0.3449



42.6879, 0.2640, 0.3405

Square

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



42.6879, 0.3822, 0.3449



42.6879, 0.3289, 0.3916



42.6879, 0.2479, 0.3066



42.6879, 0.2935, 0.2742

Rectangle

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



42.6879, 0.3822, 0.3449



42.6879, 0.3699, 0.3859



42.6879, 0.2479, 0.3066



42.6879, 0.2571, 0.2728

Sweetspot

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



42.6899, 0.3822, 0.3449



85.8827, 0.3299, 0.3337



40.7627, 0.3271, 0.2610



17.9856, 0.3326, 0.3343



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.



42.6899, 0.3822, 0.3449



53.8127, 0.4033, 0.3484



56.3818, 0.3694, 0.3846



13.4346, 0.3287, 0.3333



9.9467, 0.6200, 0.3459



0.7607, 0.5899, 0.3698

Inverse Universe

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



55.5671, 0.2646, 0.3123



74.7077, 0.2554, 0.3082



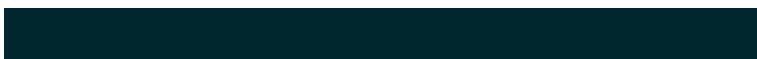
40.7993, 0.2590, 0.2662



14.4036, 0.2982, 0.3246



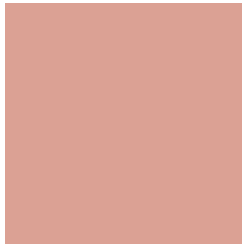
22.2903, 0.2083, 0.2697



1.5515, 0.2112, 0.2804

Previews

White Background



This preview shows how the Yxy color 42.6879, 0.3822, 0.3449 looks on a white background.

Color Contrast Check

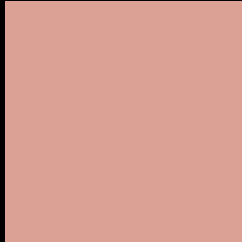
Large Text (above 18pt) WCAG AA × Fail

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 42.6879, 0.3822, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

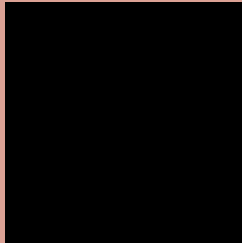
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6879, 0.3822, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 42.6879, 0.3822, 0.3449.



This preview shows how white text looks on a background with the Yxy color 42.6879, 0.3822, 0.3449.

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

42.6879, 0.3822, 0.3449

Protanopia

43.0938, 0.3368, 0.3560

Deuteranopia

42.6684, 0.3641, 0.3561



Tritanopia

42.7282, 0.3633, 0.3149

Trichromacy



Original Color

42.6879, 0.3822, 0.3449

Protanomaly

42.7522, 0.3530, 0.3526

Deuteranomaly

42.4267, 0.3709, 0.3518

Tritanomaly

42.6206, 0.3700, 0.3256

Monochromacy



Original Color

42.6879, 0.3822, 0.3449

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.0855, 0.3364, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6879, 0.3822, 0.3449 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(219, 161, 148)` looks like.

```
.text, #text, p{  
    color:rgb(219, 161, 148)  
}
```

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(219, 161, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 161, 148) }
```

Border

The CSS property to change the border of an element to Yxy 42.6879, 0.3822, 0.3449 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(219, 161, 148) }
```

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

```
.border{ border-color:rgb(219, 161, 148) }
```

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

Here you see how a box with a 4 pixel rgb(219, 161, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 161, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 161, 148);  
box-shadow:4px 4px 4px 4px rgb(219, 161,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6879, 0.3822, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 161, 148) }
```

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

```
.background{ background-color: rgb(219,  
161, 148) }
```

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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