

Converting Colors

$Y_{xy}(47.5690, 0.3784, 0.3618)$

Have a look what the booklet for
Yxy(47.5690, 0.3784, 0.3618)
contains.

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Color

Yxy(47.4388, 0.3782, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	DBAE93
RGB	219, 174, 147
RGB Percent	86%, 68%, 58%
CMY	0.1411, 0.3176, 0.4236
CMYK	0.00, 0.21, 0.33, 0.14
HSL	23°, 50%, 72%
HSV	23°, 33%, 86%
XYZ	49.6166, 47.4388, 34.1360
YIQ	184.3770, 35.4870, 1.1430

Conversions

Conversions Part 2

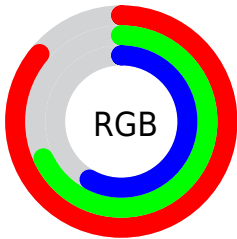
Format	Color
R _Y B	219, 190, 147
Decimal	14397075
CIE Lab	74.47, 12.64, 20.11
CIE LCh	74, 23.756, 57.860
Yxy	47.4388, 0.3782, 0.3616
Android (android.graphics.Color)	4292587155 (0xFFDBAE93)
YUV	184.3770, -18.4269, 30.3644
Hunter-Lab	68.8758, 8.0546, 18.8280

Details

The Yxy color $47.4388, 0.3782, 0.3616$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $49.0084, 0.2617, 0.2937$, and the grayscale version is $48.2421, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.0707, 0.3496, 0.3583$, and $22.5501, 0.3972, 0.3705$ is the 20% darker color. If you saturate the color by 10%, you get $41.7968, 0.4051, 0.3717$, and if you desaturate by 10%, it is $53.7548, 0.3547, 0.3513$.

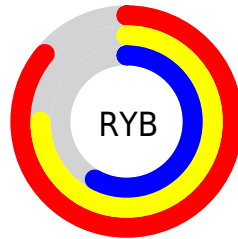
Distribution



Red (86%)

Green (68%)

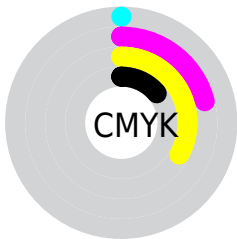
Blue (58%)



Red (86%)

Yellow (75%)

Blue (58%)

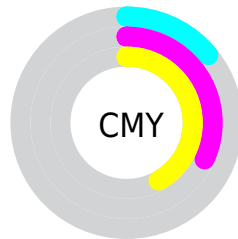


Cyan (0%)

Magenta (21%)

Yellow (33%)

Black (14%)



Cyan (14%)


Magenta (32%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4388, 0.3782, 0.3616 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 47.4388, 0.3782, 0.3616 by changing the saturation by 10% instead.


 47.4388, 0.3782,
0.3616


 47.4388, 0.3782,
0.3616


376.5633, 0.3453,
0.3462

 33.3827, 0.3864,
0.3651


 86.3682, 0.3663,
0.3562

 22.4198, 0.3968,
0.3694


 112.0104, 0.3618,
0.3541

 14.1657, 0.4106,
0.3748


142.2833, 0.3580,
0.3524

 8.2360, 0.4296,
0.3816

177.5713, 0.3547,
0.3508

 4.2463, 0.4571,
0.3899

218.2590, 0.3519,
0.3494

 1.8123, 0.5135,
0.4101

264.7306, 0.3495,

 0.4948, 0.6115,

0.3482

0.3885

317.3706, 0.3473,
0.3472

0.0000, 0.0000,
0.0000

47.4388, 0.3782,
0.3616

47.4388, 0.3782,
0.3616

41.7968, 0.4051,
0.3717

53.7548, 0.3547,
0.3513

36.7987, 0.4352,
0.3809

60.7603, 0.3345,
0.3412

32.4217, 0.4679,
0.3880

68.4787, 0.3172,
0.3316

28.6387, 0.5015,
0.3919

76.9302, 0.3025,
0.3227

25.4206, 0.5337,
0.3913

86.0382, 0.2907,
0.3161

■ 22.7347, 0.5617,
0.3855

■ 93.8015, 0.2912,
0.3289

■ 21.1217, 0.5785,
0.3789

Harmonies

Analogous

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



47.4388, 0.3727, 0.3350



47.4388, 0.3782, 0.3616



47.4388, 0.3652, 0.3816

Triad

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



47.4388, 0.3782, 0.3616



47.4388, 0.2755, 0.3499



47.4388, 0.2853, 0.2759

Complementary

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



47.4388, 0.3782, 0.3616



49.0084, 0.2617, 0.2937

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.



47.4388, 0.2615, 0.2771



47.4388, 0.3782, 0.3616



47.4388, 0.2561, 0.3181

Square

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



47.4388, 0.3782, 0.3616



47.4388, 0.3053, 0.3765



47.4388, 0.2512, 0.2917



47.4388, 0.3175, 0.2873

Rectangle

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



47.4388, 0.3782, 0.3616



47.4388, 0.3483, 0.3878



47.4388, 0.2512, 0.2917



47.4388, 0.2761, 0.2748

Sweetspot

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



47.4410, 0.3782, 0.3616



88.7175, 0.3294, 0.3385



39.7547, 0.3412, 0.2755



18.6677, 0.3319, 0.3398



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.



47.4410, 0.3782, 0.3616



61.7242, 0.3951, 0.3682



62.9675, 0.3653, 0.4009



13.8480, 0.3282, 0.3378



12.7171, 0.5758, 0.3810



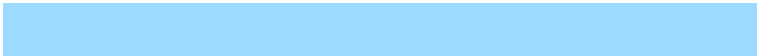
0.9863, 0.5451, 0.4054

Inverse Universe

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



49.0084, 0.2617, 0.2937



64.2240, 0.2519, 0.2856



35.2891, 0.2556, 0.2451



13.9658, 0.2982, 0.3200



13.8301, 0.1894, 0.2018



1.0595, 0.1958, 0.2248

Previews

White Background



This preview shows how the Yxy color 47.4388, 0.3782, 0.3616 looks on a white background.

Color Contrast Check

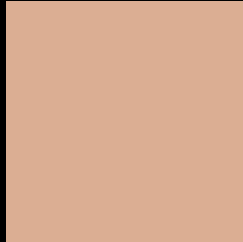
Large Text (above 18pt) WCAG AA × Fail

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 47.4388, 0.3782, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

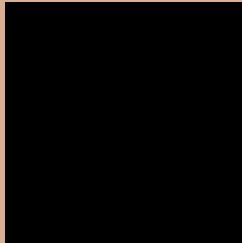
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4388, 0.3782, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 47.4388, 0.3782, 0.3616.



This preview shows how white text looks on a background with the Yxy color 47.4388, 0.3782, 0.3616.

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

47.4388, 0.3782, 0.3616

Protanopia

47.5707, 0.3486, 0.3704

Deuteranopia

47.4534, 0.3727, 0.3645



Tritanopia

47.4413, 0.3511, 0.3139

Trichromacy



Original Color

47.4388, 0.3782, 0.3616

Protanomaly

47.5410, 0.3585, 0.3669

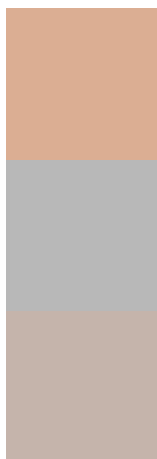
Deuteranomaly

47.3655, 0.3750, 0.3631

Tritanomaly

47.5200, 0.3617, 0.3315

Monochromacy



Original Color

47.4388, 0.3782, 0.3616

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.4531, 0.3350, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4388, 0.3782, 0.3616 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, 174, 147)` looks like.

```
.text, #text, p{  
    color:rgb(219, 174, 147)  
}
```

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, 174, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 174, 147) }
```

Border

The CSS property to change the border of an element to Yxy 47.4388, 0.3782, 0.3616 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, 174, 147) }
```

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

```
.border{ border-color:rgb(219, 174, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 174, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 174, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 174, 147);  
box-shadow:4px 4px 4px 4px rgb(219, 174,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4388, 0.3782, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 174, 147) }
```

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

```
.background{ background-color: rgb(219,  
174, 147) }
```

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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