

Converting Colors

$Yxy(41.5274, 0.3874, 0.3462)$

Have a look what the booklet for
Yxy(41.5274, 0.3874, 0.3462)
contains.

Yxy(41.5274, 0.3874, 0.3462)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.5274, 0.3874, 0.3462)

Conversions

Conversions Part 1

Format	Color
Hex	DB9E90
RGB	219, 158, 144
RGB Percent	86%, 62%, 56%
CMY	0.1413, 0.3803, 0.4353
CMYK	0.00, 0.28, 0.34, 0.14
HSL	11°, 51%, 71%
HSV	11°, 34%, 86%
XYZ	46.4694, 41.5274, 31.9552
YIQ	174.6430, 40.8500, 8.5780

Conversions

Conversions Part 2

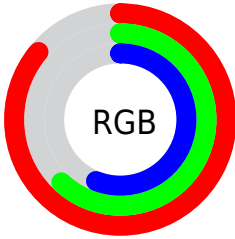
Format	Color
RYB	219, 161, 144
Decimal	14392976
CIELab	70.54, 20.86, 16.30
CIElCh	71, 26.476, 38.010
Yxy	41.5274, 0.3874, 0.3462
Android (android.graphics.Color)	4292583056 (0xFFDB9E90)
YUV	174.6430, -15.1070, 38.9011
Hunter-Lab	64.4418, 15.9446, 15.7086

Details

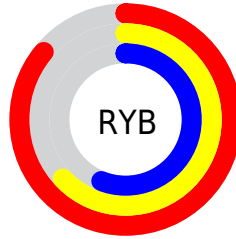
The Yxy color **41.5274, 0.3874, 0.3462** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.6914, 0.2621, 0.3109**, and the grayscale version is **42.7403, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9257, 0.3554, 0.3445**, and **18.7976, 0.4093, 0.3486** is the 20% darker color. If you saturate the color by 10%, you get **35.2817, 0.4194, 0.3512**, and if you desaturate by 10%, it is **48.7871, 0.3604, 0.3410**.

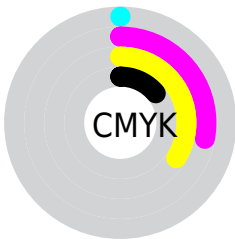
Distribution



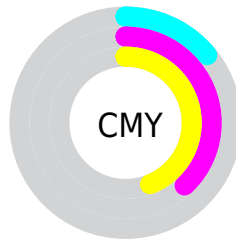
- Red (86%)
- Green (62%)
- Blue (56%)



- Red (86%)
- Yellow (63%)
- Blue (56%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (14%)




- Cyan (14%)
- Magenta (38%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5274, 0.3874, 0.3462 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 41.5274, 0.3874, 0.3462 by changing the saturation by 10% instead.

 41.5274, 0.3874,
0.3462


 41.5274, 0.3874,
0.3462


352.5201, 0.3490,
0.3385

 28.7314, 0.3973,
0.3478


 77.4839, 0.3732,
0.3437

 18.8777, 0.4101,
0.3496


 101.4131, 0.3679,
0.3426

 11.5820, 0.4274,
0.3515


129.8223, 0.3635,
0.3417

 6.4597, 0.4519,
0.3534

163.0957, 0.3597,
0.3409

 3.1266, 0.4888,
0.3541

201.6178, 0.3565,
0.3402

 1.1982, 0.5861,
0.3731

245.7730, 0.3537,

 0.0602, 0.9039,

0.3396

0.0961

295.9456, 0.3512,
0.3390

0.0000, 0.0000,
0.0000

41.5274, 0.3874,
0.3462

41.5274, 0.3874,
0.3462

35.2817, 0.4194,
0.3512

48.7871, 0.3604,
0.3410

29.9989, 0.4565,
0.3555

57.0972, 0.3380,
0.3358

25.6322, 0.4974,
0.3581

66.4996, 0.3195,
0.3310

22.1285, 0.5395,
0.3583

77.0320, 0.3043,
0.3265

19.4292, 0.5783,
0.3552

88.7306, 0.2917,
0.3224

■ 17.4677, 0.6085,
0.3489

■ 93.7963, 0.2911,
0.3289

■ 16.6362, 0.6215,
0.3447

Harmonies

Analogous

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



41.5274, 0.3670, 0.3149



41.5274, 0.3874, 0.3462



41.5274, 0.3861, 0.3755

Triad

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



41.5274, 0.3874, 0.3462



41.5274, 0.2912, 0.3758



41.5274, 0.2612, 0.2668

Complementary

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



41.5274, 0.3874, 0.3462



54.6914, 0.2621, 0.3109

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.



41.5274, 0.2438, 0.2781



41.5274, 0.3874, 0.3462



41.5274, 0.2602, 0.3407

Square

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



41.5274, 0.3874, 0.3462



41.5274, 0.3293, 0.3962



41.5274, 0.2434, 0.3043



41.5274, 0.2926, 0.2708

Rectangle

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



41.5274, 0.3874, 0.3462



41.5274, 0.3735, 0.3901



41.5274, 0.2434, 0.3043



41.5274, 0.2536, 0.2688

Sweetspot

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



41.5294, 0.3874, 0.3462



85.9414, 0.3299, 0.3338



39.4247, 0.3293, 0.2585



17.9997, 0.3326, 0.3345



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.



41.5294, 0.3874, 0.3462



52.2199, 0.4097, 0.3498



56.2065, 0.3726, 0.3892



13.4431, 0.3287, 0.3334



9.9845, 0.6193, 0.3464



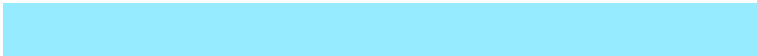
0.7647, 0.5889, 0.3706

Inverse Universe

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



54.6914, 0.2621, 0.3109



73.4309, 0.2528, 0.3065



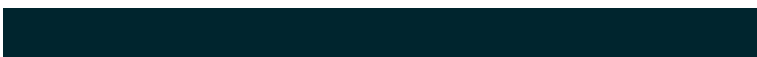
38.9560, 0.2555, 0.2602



14.3943, 0.2982, 0.3245



22.0832, 0.2079, 0.2684



1.5399, 0.2109, 0.2793

Previews

White Background



This preview shows how the Yxy color 41.5274, 0.3874, 0.3462 looks on a white background.

Color Contrast Check

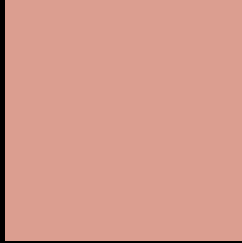
Large Text (above 18pt) WCAG AA × Fail

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 41.5274, 0.3874, 0.3462 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 41.5274, 0.3874, 0.3462

Background



This preview shows how black text looks on a background with the Yxy color 41.5274, 0.3874, 0.3462.



This preview shows how white text looks on a background with the Yxy color 41.5274, 0.3874, 0.3462.

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

41.5274, 0.3874, 0.3462

Protanopia

41.5632, 0.3391, 0.3577

Deuteranopia

41.5048, 0.3675, 0.3602



Tritanopia

41.6049, 0.3671, 0.3148

Trichromacy



Original Color

41.5274, 0.3874, 0.3462

Protanomaly

41.3777, 0.3566, 0.3541

Deuteranomaly

41.4430, 0.3745, 0.3545

Tritanomaly

41.4958, 0.3739, 0.3256

Monochromacy



Original Color

41.5274, 0.3874, 0.3462

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1326, 0.3376, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5274, 0.3874, 0.3462 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, 158, 144)` looks like.

```
.text, #text, p{  
    color:rgb(219, 158, 144)  
}
```

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, 158, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 158, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.5274, 0.3874, 0.3462 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, 158, 144) }
```

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

```
.border{ border-color:rgb(219, 158, 144) }
```

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

Here you see how a box with a 4 pixel rgb(219, 158, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 158, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 158, 144);  
box-shadow:4px 4px 4px 4px rgb(219, 158,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5274, 0.3874, 0.3462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 158, 144) }
```

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

```
.background{ background-color: rgb(219,  
158, 144) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor