

Converting Colors

$Yxy(41.7615, 0.3923, 0.3496)$

Have a look what the booklet for
Yxy(41.7615, 0.3923, 0.3496)
contains.

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Color

Yxy(41.7490, 0.3924, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	DD9E8D
RGB	221, 158, 141
RGB Percent	87%, 62%, 55%
CMY	0.1335, 0.3803, 0.4470
CMYK	0.00, 0.28, 0.36, 0.13
HSL	13°, 54%, 71%
HSV	13°, 36%, 87%
XYZ	46.8467, 41.7490, 30.7894
YIQ	174.8990, 43.0050, 8.0690

Conversions

Conversions Part 2

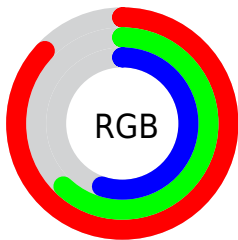
Format	Color
R_{YB}	221, 163, 141
Decimal	14524045
CIE Lab	70.70, 21.26, 18.20
CIE LCh	71, 27.990, 40.572
Yxy	41.7490, 0.3924, 0.3497
Android (android.graphics.Color)	4292714125 (0xFFDD9E8D)
YUV	174.8990, -16.7122, 40.4306
Hunter-Lab	64.6135, 16.3444, 16.9767

Details

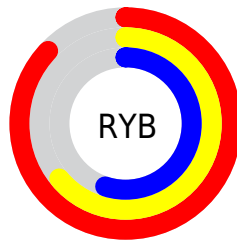
The Yxy color $41.7490, 0.3924, 0.3497$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $54.0458, 0.2591, 0.3070$, and the grayscale version is $42.8869, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7886, 0.3576, 0.3476$, and $18.9559, 0.4163, 0.3531$ is the 20% darker color. If you saturate the color by 10%, you get $35.6363, 0.4248, 0.3553$, and if you desaturate by 10%, it is $48.8369, 0.3649, 0.3438$.

Distribution



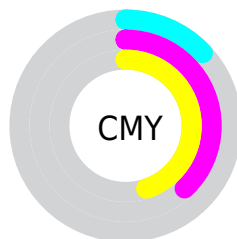
- Red (87%)
- Green (62%)
- Blue (55%)



- Red (87%)
- Yellow (64%)
- Blue (55%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (13%)



- Cyan (13%)
- Magenta (38%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7490, 0.3924, 0.3497 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 41.7490, 0.3924, 0.3497 by changing the saturation by 10% instead.


 41.7490, 0.3924,
0.3497

 41.7490, 0.3924,
0.3497


353.4414, 0.3514,
0.3404


 28.9048, 0.4029,
0.3516


 77.8196, 0.3773,
0.3466

 19.0088, 0.4165,
0.3538


 101.8148, 0.3717,
0.3454

 11.6766, 0.4348,
0.3562


 130.2958, 0.3670,
0.3443

 6.5239, 0.4606,
0.3585

163.6470, 0.3629,
0.3433

 3.1662, 0.4989,
0.3596

202.2527, 0.3595,
0.3425

 1.2191, 0.6093,
0.3855

246.4974, 0.3565,

 0.0772, 0.8847,

0.3417

0.1153

296.7655, 0.3538,
0.3411

0.0000, 0.0000,
0.0000

41.7490, 0.3924,
0.3497

41.7490, 0.3924,
0.3497

35.6363, 0.4248,
0.3553

48.8369, 0.3649,
0.3438

30.4499, 0.4618,
0.3599

56.9343, 0.3419,
0.3379

26.1455, 0.5022,
0.3626

66.0811, 0.3228,
0.3323

22.6728, 0.5431,
0.3625

76.3132, 0.3070,
0.3271

19.9760, 0.5800,
0.3586

87.6649, 0.2939,
0.3223

■ 17.9917, 0.6083,
0.3512

■ 94.1074, 0.2923,
0.3289

■ 17.4021, 0.6170,
0.3483

Harmonies

Analogous

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



41.7490, 0.3726, 0.3168



41.7490, 0.3924, 0.3497



41.7490, 0.3889, 0.3801

Triad

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



41.7490, 0.3924, 0.3497



41.7490, 0.2867, 0.3758



41.7490, 0.2607, 0.2633

Complementary

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



41.7490, 0.3924, 0.3497



54.0458, 0.2591, 0.3070

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.



41.7490, 0.2411, 0.2736



41.7490, 0.3924, 0.3497



41.7490, 0.2552, 0.3378

Square

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



41.7490, 0.3924, 0.3497



41.7490, 0.3266, 0.3991



41.7490, 0.2391, 0.2999



41.7490, 0.2948, 0.2689

Rectangle

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



41.7490, 0.3924, 0.3497



41.7490, 0.3744, 0.3948



41.7490, 0.2391, 0.2999



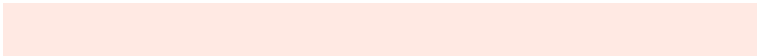
41.7490, 0.2524, 0.2649

Sweetspot

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



41.7510, 0.3924, 0.3497



85.0351, 0.3317, 0.3350



38.8249, 0.3318, 0.2558



17.8334, 0.3344, 0.3357



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.



41.7510, 0.3924, 0.3497



51.5730, 0.4151, 0.3538



57.2141, 0.3760, 0.3941



13.4983, 0.3286, 0.3340



10.2467, 0.6146, 0.3502



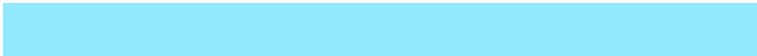
0.7905, 0.5830, 0.3753

Inverse Universe

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



54.0458, 0.2591, 0.3070



70.7979, 0.2496, 0.3019



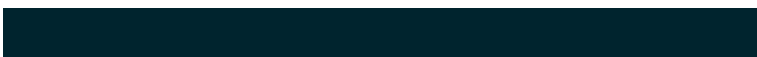
37.7898, 0.2516, 0.2537



14.3347, 0.2982, 0.3239



20.7828, 0.2054, 0.2594



1.4663, 0.2089, 0.2720

Previews

White Background



This preview shows how the Yxy color 41.7490, 0.3924, 0.3497 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 41.7490, 0.3924, 0.3497 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 41.7490, 0.3924, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 41.7490, 0.3924, 0.3497.



This preview shows how white text looks on a background with the Yxy color 41.7490, 0.3924, 0.3497.

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

41.7490, 0.3924, 0.3497

Protanopia

41.9703, 0.3424, 0.3631

Deuteranopia

41.6931, 0.3723, 0.3639



Tritanopia

41.5524, 0.3704, 0.3149

Trichromacy



Original Color

41.7490, 0.3924, 0.3497

Protanomaly

41.7854, 0.3601, 0.3593

Deuteranomaly

41.6431, 0.3794, 0.3581

Tritanomaly

41.4066, 0.3783, 0.3268

Monochromacy



Original Color

41.7490, 0.3924, 0.3497

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.2267, 0.3394, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7490, 0.3924, 0.3497 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(221, 158, 141)` looks like.

```
.text, #text, p{  
    color:rgb(221, 158, 141)  
}
```

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(221, 158, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 158, 141) }
```

Border

The CSS property to change the border of an element to Yxy 41.7490, 0.3924, 0.3497 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(221, 158, 141) }
```

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

```
.border{ border-color:rgb(221, 158, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 158, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 158, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 158, 141);  
box-shadow:4px 4px 4px 4px rgb(221, 158,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7490, 0.3924, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 158, 141) }
```

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

```
.background{ background-color: rgb(221,  
158, 141) }
```

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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