

Converting Colors

$Yxy(41.1568, 0.3967, 0.3805)$

Have a look what the booklet for
Yxy(41.1568, 0.3967, 0.3805)
contains.

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Color

Yxy(41.1548, 0.3967, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	D1A37A
RGB	209, 163, 122
RGB Percent	82%, 64%, 48%
CMY	0.1804, 0.3608, 0.5215
CMYK	0.00, 0.22, 0.42, 0.18
HSL	28°, 49%, 65%
HSV	28°, 42%, 82%
XYZ	42.9070, 41.1548, 24.0980
YIQ	172.0800, 40.5770, -2.9990

Conversions

Conversions Part 2

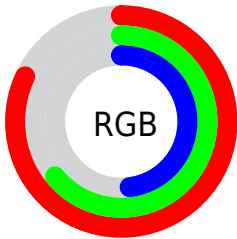
Format	Color
R_{YB}	209, 200, 122
Decimal	13738874
CIE Lab	70.28, 11.65, 27.79
CIE LCh	70, 30.130, 67.263
Yxy	41.1548, 0.3967, 0.3805
Android (android.graphics.Color)	4291928954 (0xFFD1A37A)
YUV	172.0800, -24.6894, 32.3788
Hunter-Lab	64.1520, 7.1207, 22.6348

Details

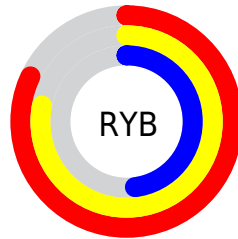
The Yxy color $41.1548, 0.3967, 0.3805$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $36.7552, 0.2467, 0.2704$, and the grayscale version is $41.4112, 0.3127, 0.3290$.

A 20% lighter version of the original color is $74.4980, 0.3710, 0.3733$, and $18.6222, 0.4217, 0.3921$ is the 20% darker color. If you saturate the color by 10%, you get $36.9378, 0.4234, 0.3922$, and if you desaturate by 10%, it is $45.8302, 0.3724, 0.3679$.

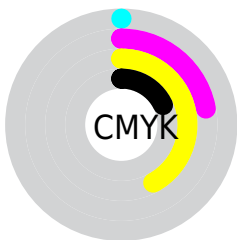
Distribution



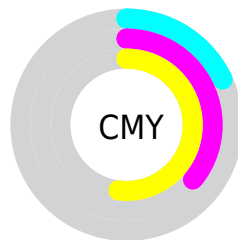
- Red (82%)
- Green (64%)
- Blue (48%)



- Red (82%)
- Yellow (78%)
- Blue (48%)



- Cyan (0%)
- Magenta (22%)
- Yellow (42%)
- Black (18%)





- Cyan (18%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.1548, 0.3967, 0.3805 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 41.1548, 0.3967, 0.3805 by changing the saturation by 10% instead.


 41.1548, 0.3967,
0.3805


 41.1548, 0.3967,
0.3805


350.9672, 0.3538,
0.3557

 28.4401, 0.4075,
0.3862


 76.9188, 0.3810,
0.3718

 18.6576, 0.4213,
0.3932


 100.7369, 0.3752,
0.3684

 11.4232, 0.4394,
0.4016


 129.0249, 0.3702,
0.3655

 6.3522, 0.4640,
0.4118

162.1672, 0.3660,
0.3630

 3.0604, 0.5032,
0.4268

200.5482, 0.3623,
0.3608

 1.1634, 0.5604,
0.4396

244.5522, 0.3591,

 0.0315, 0.9090,

0.3589

0.0910

294.5638, 0.3563,
0.3572

0.0000, 0.0000,
0.0000

41.1548, 0.3967,
0.3805

41.1548, 0.3967,
0.3805

36.9378, 0.4234,
0.3922

45.8302, 0.3724,
0.3679

33.1574, 0.4517,
0.4020

50.9733, 0.3508,
0.3551

29.7985, 0.4806,
0.4085


56.6000, 0.3318,
0.3427


26.8423, 0.5083,
0.4106


62.7239, 0.3152,
0.3308


24.2677, 0.5328,
0.4074


69.3579, 0.3008,
0.3198

 22.3811, 0.5504,
0.4012

 76.5145, 0.2884,
0.3096

 83.3178, 0.2847,
0.3136

 90.0389, 0.2853,
0.3252

 92.2966, 0.2855,
0.3289

Harmonies

Analogous

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



41.1548, 0.3978, 0.3470



41.1548, 0.3967, 0.3805



41.1548, 0.3720, 0.4037

Triad

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



41.1548, 0.3967, 0.3805



41.1548, 0.2537, 0.3432



41.1548, 0.2886, 0.2630

Complementary

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



41.1548, 0.3967, 0.3805



36.7552, 0.2467, 0.2704

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.



41.1548, 0.2535, 0.2587



41.1548, 0.3967, 0.3805



41.1548, 0.2345, 0.3013

Square

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



41.1548, 0.3967, 0.3805



41.1548, 0.2890, 0.3838



41.1548, 0.2345, 0.2714



41.1548, 0.3328, 0.2821

Rectangle

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



41.1548, 0.3967, 0.3805



41.1548, 0.3465, 0.4084



41.1548, 0.2345, 0.2714



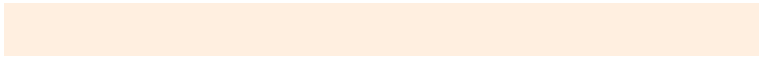
41.1548, 0.2754, 0.2598

Sweetspot

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



41.1568, 0.3967, 0.3805



88.2896, 0.3327, 0.3433



30.3212, 0.3615, 0.2716



18.6397, 0.3351, 0.3449



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.



41.1568, 0.3967, 0.3805



58.5891, 0.4205, 0.3911



59.1573, 0.3757, 0.4282



12.7136, 0.3279, 0.3400



13.9924, 0.5481, 0.4030



0.9406, 0.5184, 0.4266

Inverse Universe

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



36.7552, 0.2467, 0.2704



50.7686, 0.2329, 0.2550



23.3873, 0.2363, 0.2057



12.4378, 0.2983, 0.3178



9.9840, 0.1802, 0.1686



0.7165, 0.1890, 0.2004

Previews

White Background



This preview shows how the Yxy color 41.1548, 0.3967, 0.3805 looks on a white background.

Color Contrast Check

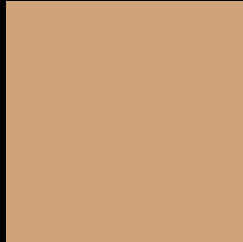
Large Text (above 18pt) WCAG AA × Fail

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 41.1548, 0.3967, 0.3805 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 41.1548, 0.3967, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 41.1548, 0.3967, 0.3805.



This preview shows how white text looks on a background with the Yxy color 41.1548, 0.3967, 0.3805.

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

41.1548, 0.3967, 0.3805

Protanopia

41.3257, 0.3650, 0.3916

Deuteranopia

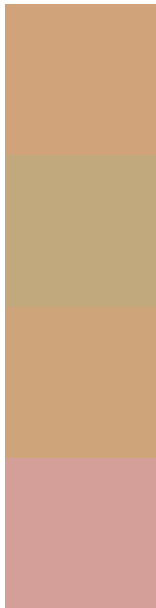
41.2945, 0.3917, 0.3838



Tritanopia

41.2747, 0.3577, 0.3145

Trichromacy



Original Color

41.1548, 0.3967, 0.3805

Protanomaly

41.3259, 0.3761, 0.3872

Deuteranomaly

41.0779, 0.3932, 0.3824

Tritanomaly

41.0603, 0.3721, 0.3379

Monochromacy



Original Color

41.1548, 0.3967, 0.3805

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.0233, 0.3409, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1548, 0.3967, 0.3805 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(209, 163, 122)` looks like.

```
.text, #text, p{  
    color:rgb(209, 163, 122)  
}
```

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(209, 163, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 163, 122) }
```

Border

The CSS property to change the border of an element to Yxy 41.1548, 0.3967, 0.3805 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(209, 163, 122) }
```

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

```
.border{ border-color:rgb(209, 163, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 163, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(209, 163,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1548, 0.3967, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 163, 122) }
```

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

```
.background{ background-color: rgb(209,  
163, 122) }
```

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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