

Converting Colors

Yxy(44.7450, 0.3664, 0.3536)

Have a look what the booklet for
Yxy(44.7450, 0.3664, 0.3536)
contains.

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Color

Yxy(44.9155, 0.3661, 0.3541)

Conversions

Conversions Part 1	
Format	Color
Hex	D1AB97
RGB	209, 171, 151
RGB Percent	82%, 67%, 59%
CMY	0.1805, 0.3294, 0.4079
CMYK	0.00, 0.18, 0.28, 0.18
HSL	21°, 39%, 71%
HSV	21°, 28%, 82%
XYZ	46.4376, 44.9155, 35.4910
YIQ	180.0820, 29.0680, 1.8360

Conversions

Conversions Part 2

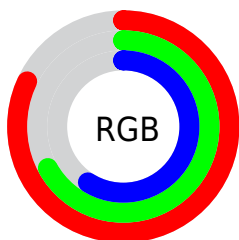
Format	Color
RYB	209, 182, 151
Decimal	13740951
CIELab	72.84, 10.89, 15.52
CIELCh	73, 18.963, 54.952
Yxy	44.9155, 0.3661, 0.3541
Android (android.graphics.Color)	4291931031 (0xFFD1AB97)
YUV	180.0820, -14.3374, 25.3611
Hunter-Lab	67.0190, 6.3997, 15.5154

Details

The Yxy color $44.9155, 0.3661, 0.3541$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $47.5512, 0.2700, 0.3024$, and the grayscale version is $45.7544, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.0605, 0.3477, 0.3503$, and $20.9838, 0.3822, 0.3609$ is the 20% darker color. If you saturate the color by 10%, you get $39.3940, 0.3917, 0.3636$, and if you desaturate by 10%, it is $51.0963, 0.3441, 0.3447$.

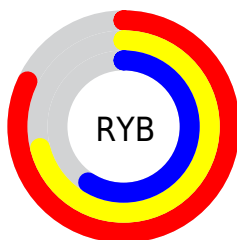
Distribution



Red (82%)

Green (67%)

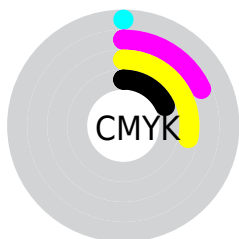
Blue (59%)



Red (82%)

Yellow (71%)

Blue (59%)

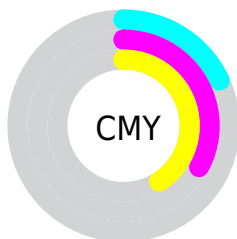


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9155, 0.3661, 0.3541 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 44.9155, 0.3661, 0.3541 by changing the saturation by 10% instead.

 44.9155, 0.3661,
0.3541


 44.9155, 0.3661,
0.3541

366.4312, 0.3390,
0.3420

 31.3909, 0.3729,
0.3569

 82.5936, 0.3562,
0.3498

 20.8967, 0.3818,
0.3605


 107.5159, 0.3525,
0.3482

 13.0485, 0.3936,
0.3650


137.0061, 0.3494,
0.3468

 7.4619, 0.4101,
0.3708

171.4488, 0.3467,
0.3456

 3.7526, 0.4347,
0.3785

211.2282, 0.3444,
0.3445

 1.5362, 0.4846,
0.3963

256.7288, 0.3424,


 0.3140, 0.6425,


0.3436


0.3575


308.3350, 0.3406,
0.3428


 0.0000, 0.0000,
0.0000


 44.9155, 0.3661,
0.3541


 44.9155, 0.3661,
0.3541


 39.3940, 0.3917,
0.3636


 51.0963, 0.3441,
0.3447

 34.5032, 0.4209,
0.3726


 57.9516, 0.3253,
0.3356

 30.2210, 0.4534,
0.3802


 65.5039, 0.3094,
0.3272

 26.5220, 0.4880,
0.3853


 73.7725, 0.2958,
0.3193


 23.3785, 0.5227,
0.3866


 82.7460, 0.2846,
0.3126

 20.7600, 0.5545,
0.3832

 91.0795, 0.2854,
0.3270

 18.6303, 0.5806,
0.3749

 92.2924, 0.2855,
0.3289

 18.2116, 0.5860,
0.3729

Harmonies

Analogous

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



44.9155, 0.3601, 0.3321



44.9155, 0.3661, 0.3541



44.9155, 0.3571, 0.3708

Triad

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



44.9155, 0.3661, 0.3541



44.9155, 0.2845, 0.3484



44.9155, 0.2882, 0.2849

Complementary

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



44.9155, 0.3661, 0.3541



47.5512, 0.2700, 0.3024

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.



44.9155, 0.2695, 0.2872



44.9155, 0.3661, 0.3541



44.9155, 0.2674, 0.3229

Square

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



44.9155, 0.3661, 0.3541



44.9155, 0.3095, 0.3687



44.9155, 0.2621, 0.3006



44.9155, 0.3141, 0.2934

Rectangle

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



44.9155, 0.3661, 0.3541



44.9155, 0.3441, 0.3763



44.9155, 0.2621, 0.3006



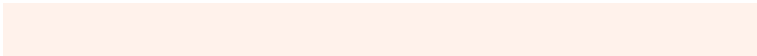
44.9155, 0.2809, 0.2845

Sweetspot

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



44.9176, 0.3661, 0.3541



90.5293, 0.3259, 0.3359



39.3813, 0.3338, 0.2820



19.0130, 0.3286, 0.3373



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.



44.9176, 0.3661, 0.3541



65.4653, 0.3800, 0.3595



56.7772, 0.3572, 0.3873



12.4665, 0.3282, 0.3371



11.3977, 0.5834, 0.3750



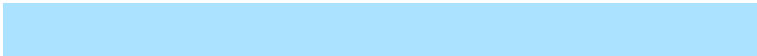
0.7839, 0.5478, 0.4033

Inverse Universe

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



47.5512, 0.2700, 0.3024



70.2166, 0.2614, 0.2961



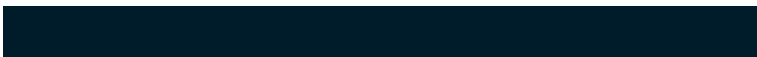
36.5462, 0.2660, 0.2631



12.6908, 0.2983, 0.3208



14.0255, 0.1924, 0.2127



0.9292, 0.1990, 0.2365

Previews

White Background



This preview shows how the Yxy color 44.9155, 0.3661, 0.3541 looks on a white background.

Color Contrast Check

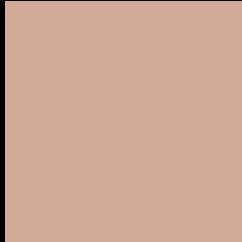
Large Text (above 18pt) WCAG AA × Fail

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 44.9155, 0.3661, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

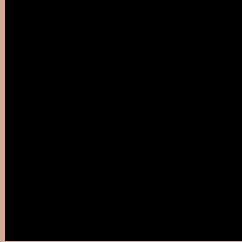
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9155, 0.3661, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 44.9155, 0.3661, 0.3541.



This preview shows how white text looks on a background with the Yxy color 44.9155, 0.3661, 0.3541.

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

44.9155, 0.3661, 0.3541

Protanopia

44.8987, 0.3409, 0.3595

Deuteranopia

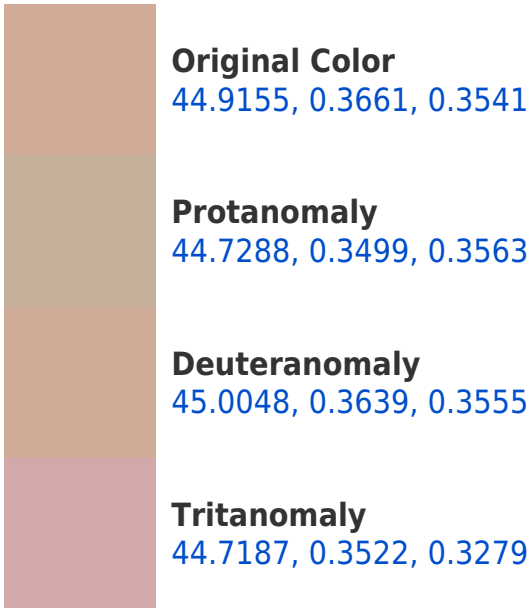
44.8612, 0.3629, 0.3555



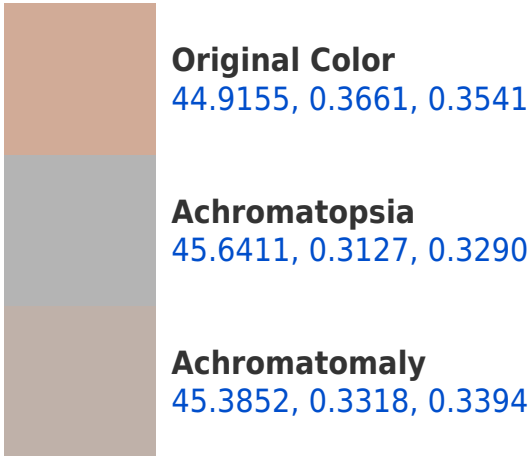
Tritanopia

44.9298, 0.3432, 0.3133

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9155, 0.3661, 0.3541 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, 171, 151) looks like.

```
.text, #text, p{  
    color:rgb(209, 171, 151)  
}
```

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, 171, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 171, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.9155, 0.3661, 0.3541 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, 171, 151) }
```

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

```
.border{ border-color:rgb(209, 171, 151) }
```

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

Here you see how a box with a 4 pixel rgb(209, 171, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 171, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 171, 151);  
box-shadow:4px 4px 4px 4px rgb(209, 171,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9155, 0.3661, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 171, 151) }
```

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

```
.background{ background-color: rgb(209,  
171, 151) }
```

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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