

Converting Colors

Yxy(51.3764, 0.3573, 0.3561)

Have a look what the booklet for
Yxy(51.3764, 0.3573, 0.3561)
contains.

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Color

Yxy(51.1858, 0.3571, 0.3556)

Conversions

Conversions Part 1	
Format	Color
Hex	D6B8A2
RGB	214, 184, 162
RGB Percent	84%, 72%, 64%
CMY	0.1606, 0.2785, 0.3647
CMYK	0.00, 0.14, 0.24, 0.16
HSL	25°, 39%, 74%
HSV	25°, 24%, 84%
XYZ	51.4017, 51.1858, 41.3546
YIQ	190.4620, 24.9420, -0.4820

Conversions

Conversions Part 2

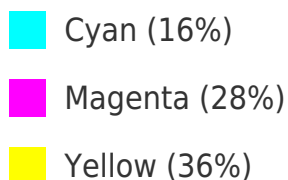
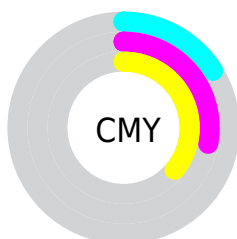
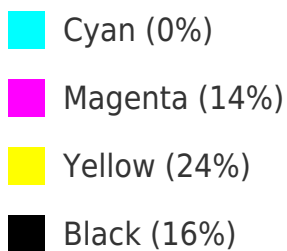
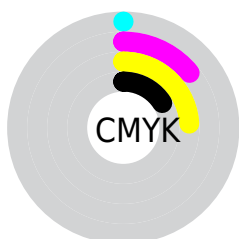
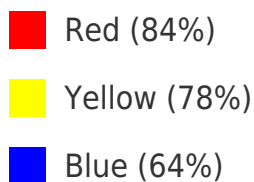
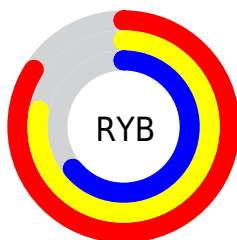
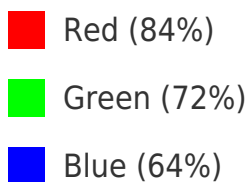
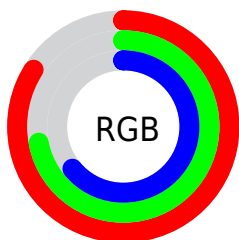
Format	Color
RYB	214, 200, 162
Decimal	14071970
CIELab	76.79, 7.40, 15.15
CIELCh	77, 16.858, 63.958
Yxy	51.1858, 0.3571, 0.3556
Android (android.graphics.Color)	4292262050 (0xFFD6B8A2)
YUV	190.4620, -14.0318, 20.6428
Hunter-Lab	71.5443, 3.0427, 15.8097

Details

The Yxy color $51.1858, 0.3571, 0.3556$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $50.2596, 0.2747, 0.3008$, and the grayscale version is $51.8479, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.5899, 0.3373, 0.3518$, and $24.7293, 0.3702, 0.3628$ is the 20% darker color. If you saturate the color by 10%, you get $45.5785, 0.3803, 0.3672$, and if you desaturate by 10%, it is $57.3760, 0.3369, 0.3443$.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 51.1858, 0.3571, 0.3556 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 51.1858, 0.3571, 0.3556 by changing the saturation by 10% instead.

 51.1858, 0.3571,
0.3556

 51.1858, 0.3571,
0.3556


391.2852, 0.3351,
0.3428

 36.3565, 0.3625,
0.3586


 91.9294, 0.3492,
0.3511

 24.7097, 0.3694,
0.3624


 118.6124, 0.3462,
0.3494

 15.8609, 0.3784,
0.3672


150.0155, 0.3436,
0.3479

 9.4258, 0.3908,
0.3736

186.5230, 0.3415,
0.3466

 5.0199, 0.4088,
0.3823

228.5193, 0.3396,
0.3455

 2.2590, 0.4370,
0.3945


276.3889, 0.3379,


 0.7519, 0.5439,


0.3445


0.4561

330.5160, 0.3364,
0.3436


 0.0000, 0.0000,
0.0000


 51.1858, 0.3571,
0.3556


 51.1858, 0.3571,
0.3556


 45.5785, 0.3803,
0.3672


 57.3760, 0.3369,
0.3443


 40.5290, 0.4064,
0.3784


 64.1591, 0.3195,
0.3334


 36.0207, 0.4353,
0.3885


 71.5538, 0.3045,
0.3233

 32.0332, 0.4661,
0.3964

 79.5758, 0.2916,
0.3140


 28.5449, 0.4973,
0.4008

 87.3036, 0.2879,
0.3194

 25.5317, 0.5268,
0.4005

 93.0416, 0.2883,
0.3289

 22.9669, 0.5521,
0.3947

 21.6896, 0.5648,
0.3897

Harmonies

Analogous

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



51.1858, 0.3558, 0.3377



51.1858, 0.3571, 0.3556



51.1858, 0.3461, 0.3673

Triad

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



51.1858, 0.3571, 0.3556



51.1858, 0.2834, 0.3392



51.1858, 0.2981, 0.2925

Complementary

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



51.1858, 0.3571, 0.3556



50.2596, 0.2747, 0.3008

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.



51.1858, 0.2797, 0.2917



51.1858, 0.3571, 0.3556



51.1858, 0.2715, 0.3178

Square

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



51.1858, 0.3571, 0.3556



51.1858, 0.3033, 0.3583



51.1858, 0.2701, 0.3006



51.1858, 0.3211, 0.3021

Rectangle

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



51.1858, 0.3571, 0.3556



51.1858, 0.3335, 0.3695



51.1858, 0.2701, 0.3006



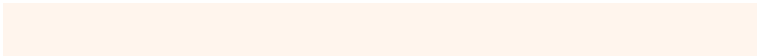
51.1858, 0.2912, 0.2911

Sweetspot

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



51.1881, 0.3571, 0.3556



92.5024, 0.3240, 0.3364



43.9655, 0.3346, 0.2929



19.6655, 0.3251, 0.3370



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.



51.1881, 0.3571, 0.3556



71.8351, 0.3682, 0.3614



62.8559, 0.3503, 0.3847



13.2747, 0.3281, 0.3389



13.3014, 0.5623, 0.3917



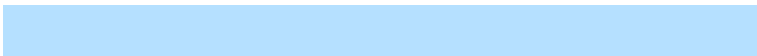
0.9642, 0.5317, 0.4160

Inverse Universe

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



50.2596, 0.2747, 0.3008



70.2271, 0.2668, 0.2942



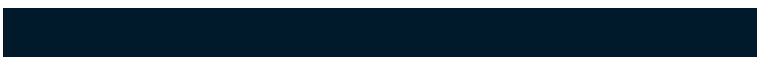
39.9352, 0.2718, 0.2664



13.1877, 0.2982, 0.3189



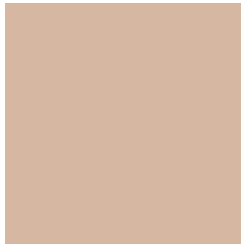
11.7926, 0.1848, 0.1852



0.8736, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 51.1858, 0.3571, 0.3556 looks on a white background.

Color Contrast Check

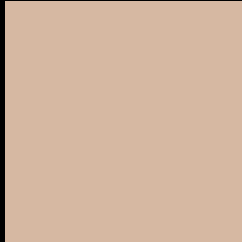
Large Text (above 18pt) WCAG AA × Fail

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 51.1858, 0.3571, 0.3556 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

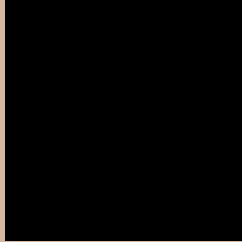
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1858, 0.3571, 0.3556

Background



This preview shows how black text looks on a background with the Yxy color 51.1858, 0.3571, 0.3556.



This preview shows how white text looks on a background with the Yxy color 51.1858, 0.3571, 0.3556.

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

51.1858, 0.3571, 0.3556

Protanopia

51.2539, 0.3401, 0.3591

Deuteranopia

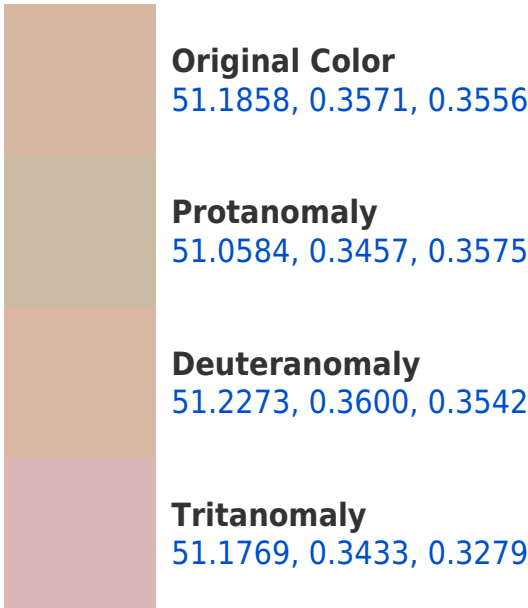
51.3810, 0.3609, 0.3541



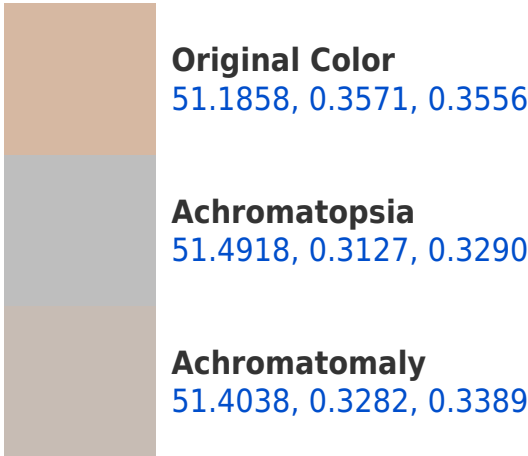
Tritanopia

50.9959, 0.3352, 0.3127

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1858, 0.3571, 0.3556 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(214, 184, 162) looks like.

```
.text, #text, p{  
    color:rgb(214, 184, 162)  
}
```

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(214, 184, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 184, 162) }
```

Border

The CSS property to change the border of an element to Yxy 51.1858, 0.3571, 0.3556 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(214, 184, 162) }
```

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

```
.border{ border-color:rgb(214, 184, 162) }
```

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

Here you see how a box with a 4 pixel rgb(214, 184, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 184, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 184, 162);  
box-shadow:4px 4px 4px 4px rgb(214, 184,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1858, 0.3571, 0.3556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 184, 162) }
```

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

```
.background{ background-color: rgb(214,  
184, 162) }
```

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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