

Converting Colors

Yxy(55.2567, 0.3495, 0.3558)

Have a look what the booklet for
Yxy(55.2567, 0.3495, 0.3558)
contains.

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Color

Yxy(55.0486, 0.3493, 0.3552)

Conversions

Conversions Part 1	
Format	Color
Hex	D7C0AA
RGB	215, 192, 170
RGB Percent	84%, 75%, 67%
CMY	0.1568, 0.2471, 0.3334
CMYK	0.00, 0.11, 0.21, 0.16
HSL	29°, 36%, 75%
HSV	29°, 21%, 84%
XYZ	54.1342, 55.0486, 45.7963
YIQ	196.3690, 20.7700, -1.9660

Conversions

Conversions Part 2

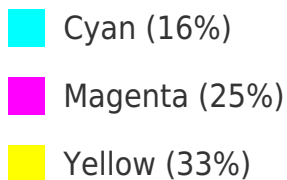
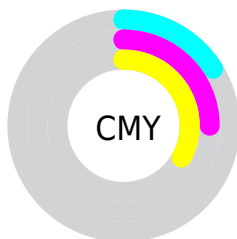
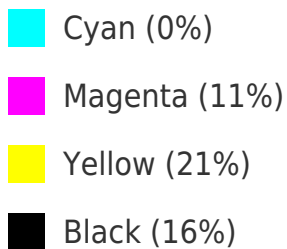
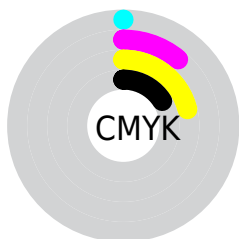
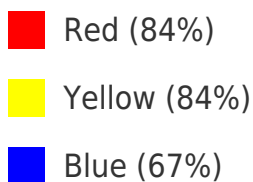
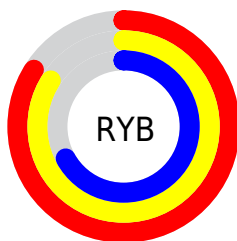
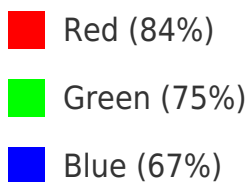
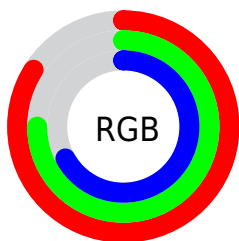
Format	Color
RYB	215, 213, 170
Decimal	14139562
CIELab	79.07, 4.68, 14.06
CIELCh	79, 14.821, 71.604
Yxy	55.0486, 0.3493, 0.3552
Android (android.graphics.Color)	4292329642 (0xFFD7C0AA)
YUV	196.3690, -12.9999, 16.3394
Hunter-Lab	74.1947, 0.3970, 15.3399

Details

The Yxy color `55.0486, 0.3493, 0.3552` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `51.6000, 0.2798, 0.3013`, and the grayscale version is `55.5077, 0.3127, 0.3290`.

A 20% lighter version of the original color is `93.8310, 0.3312, 0.3515`, and `27.2468, 0.3589, 0.3622` is the 20% darker color. If you saturate the color by 10%, you get `49.6535, 0.3706, 0.3684`, and if you desaturate by 10%, it is `60.9425, 0.3305, 0.3423`.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0486, 0.3493, 0.3552 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 55.0486, 0.3493, 0.3552 by changing the saturation by 10% instead.


 55.0486, 0.3493,
0.3552

 55.0486, 0.3493,
0.3552


406.0961, 0.3314,
0.3427

 39.4406, 0.3536,
0.3582


 97.6122, 0.3429,
0.3508

 27.1027, 0.3591,
0.3619


125.3365, 0.3405,
0.3491

 17.6504, 0.3662,
0.3667


157.8685, 0.3384,
0.3476

 10.6993, 0.3759,
0.3730

195.5925, 0.3366,
0.3463

 5.8650, 0.3898,
0.3818

238.8928, 0.3351,
0.3453

 2.7632, 0.4111,
0.3947


288.1540, 0.3337,


 1.0094, 0.4932,


0.3443


0.4570


343.7603, 0.3325,
0.3434


 0.0000, 1.0000,
0.0000

 0.0000, 0.0000,
0.0000

 55.0486, 0.3493,
0.3552


 55.0486, 0.3493,
0.3552

 49.6535, 0.3706,
0.3684

 60.9425, 0.3305,
0.3423

 44.7354, 0.3944,
0.3816


 67.3414, 0.3142,
0.3301


 40.2818, 0.4204,
0.3938


 74.2606, 0.2999,
0.3187


 36.2765, 0.4481,
0.4041


 81.6483, 0.2881,
0.3092


 32.7022, 0.4762,
0.4113

 88.1749, 0.2885,
0.3207

 29.5401, 0.5032,
0.4141

 93.1910, 0.2889,
0.3289

 26.7690, 0.5271,
0.4115

 24.5702, 0.5455,
0.4050

Harmonies

Analogous

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



55.0486, 0.3510, 0.3408



55.0486, 0.3493, 0.3552



55.0486, 0.3376, 0.3631

Triad

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



55.0486, 0.3493, 0.3552



55.0486, 0.2841, 0.3331



55.0486, 0.3051, 0.2989

Complementary

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



55.0486, 0.3493, 0.3552



51.6000, 0.2798, 0.3013

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.



55.0486, 0.2877, 0.2962



55.0486, 0.3493, 0.3552



55.0486, 0.2760, 0.3152

Square

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



55.0486, 0.3493, 0.3552



55.0486, 0.2999, 0.3504



55.0486, 0.2773, 0.3019



55.0486, 0.3250, 0.3090

Rectangle

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



55.0486, 0.3493, 0.3552



55.0486, 0.3259, 0.3632



55.0486, 0.2773, 0.3019



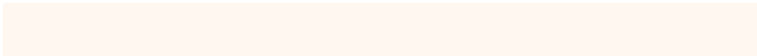
55.0486, 0.2988, 0.2971

Sweetspot

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



55.0511, 0.3493, 0.3552



94.1632, 0.3223, 0.3363



47.0581, 0.3336, 0.3015



20.0224, 0.3233, 0.3371



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.



55.0511, 0.3493, 0.3552



77.4897, 0.3581, 0.3609



65.5854, 0.3443, 0.3801



13.4127, 0.3279, 0.3404



14.9030, 0.5432, 0.4069



1.0643, 0.5162, 0.4283

Inverse Universe

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



51.6000, 0.2798, 0.3013



71.5577, 0.2728, 0.2948



42.4801, 0.2778, 0.2722



13.0481, 0.2982, 0.3173



9.8092, 0.1785, 0.1625



0.7572, 0.1870, 0.1933

Previews

White Background



This preview shows how the Yxy color 55.0486, 0.3493, 0.3552 looks on a white background.

Color Contrast Check

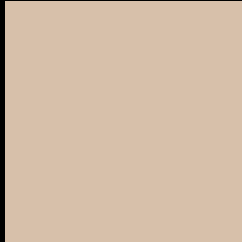
Large Text (above 18pt) WCAG AA × Fail

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 55.0486, 0.3493, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

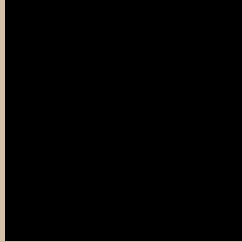
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.0486, 0.3493, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 55.0486, 0.3493, 0.3552.



This preview shows how white text looks on a background with the Yxy color 55.0486, 0.3493, 0.3552.

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

55.0486, 0.3493, 0.3552

Protanopia

54.9879, 0.3385, 0.3570

Deuteranopia

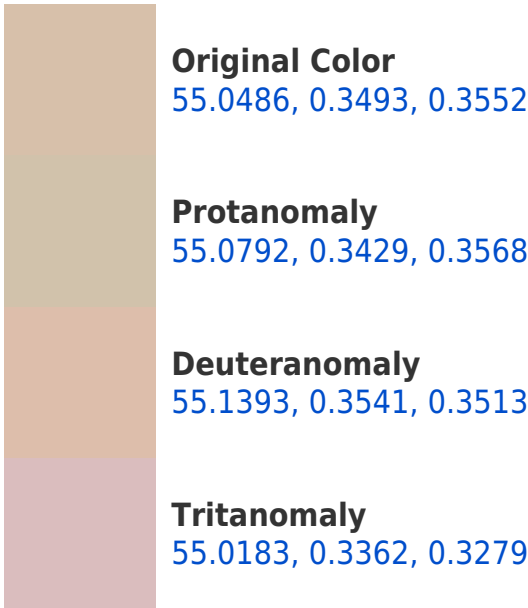
55.1828, 0.3570, 0.3500



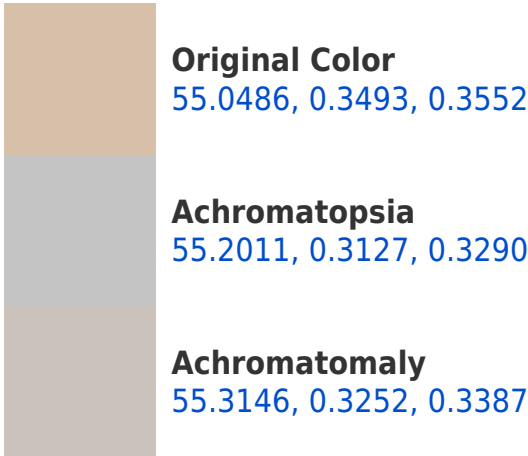
Tritanopia

54.8650, 0.3276, 0.3118

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0486, 0.3493, 0.3552 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(215, 192, 170) looks like.

```
.text, #text, p{  
    color:rgb(215, 192, 170)  
}
```

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(215, 192, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 192, 170) }
```

Border

The CSS property to change the border of an element to Yxy 55.0486, 0.3493, 0.3552 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(215, 192, 170) }
```

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

```
.border{ border-color:rgb(215, 192, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 192, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 192, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 192, 170);  
box-shadow:4px 4px 4px 4px rgb(215, 192,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0486, 0.3493, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 192, 170) }
```

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

```
.background{ background-color: rgb(215,  
192, 170) }
```

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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