

Converting Colors

$Yxy(55.0499, 0.3424, 0.3518)$

Have a look what the booklet for
Yxy(55.0499, 0.3424, 0.3518)
contains.

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Color

Yxy(55.0448, 0.3424, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D3C1AE
RGB	211, 193, 174
RGB Percent	83%, 76%, 68%
CMY	0.1725, 0.2431, 0.3176
CMYK	0.00, 0.09, 0.18, 0.17
HSL	31°, 30%, 75%
HSV	31°, 18%, 83%
XYZ	53.5740, 55.0448, 47.8474
YIQ	196.2160, 16.8270, -2.0930

Conversions

Conversions Part 2

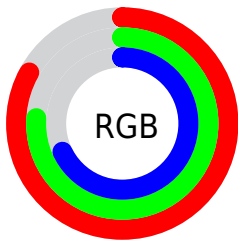
Format	Color
RYB	209, 211, 174
Decimal	13877678
CIELab	79.07, 3.25, 11.86
CIELCh	79, 12.293, 74.660
Yxy	55.0448, 0.3424, 0.3518
Android (android.graphics.Color)	4292067758 (0xFFD3C1AE)
YUV	196.2160, -10.9525, 12.9656
Hunter-Lab	74.1922, -0.9418, 13.6978

Details

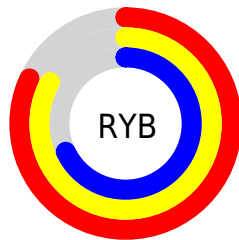
The Yxy color **55.0448, 0.3424, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.4016, 0.2853, 0.3051**, and the grayscale version is **55.3991, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.6685, 0.3286, 0.3485**, and **27.2292, 0.3496, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **49.9062, 0.3625, 0.3656**, and if you desaturate by 10%, it is **60.6325, 0.3246, 0.3385**.

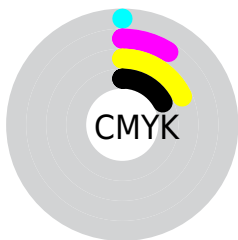
Distribution



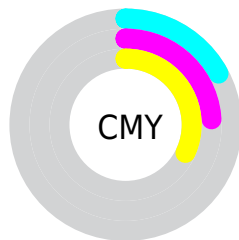
- Red (83%)
- Green (76%)
- Blue (68%)



- Red (82%)
- Yellow (83%)
- Blue (68%)



- Cyan (0%)
- Magenta (9%)
- Yellow (18%)
- Black (17%)





- Cyan (17%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.0448, 0.3424, 0.3518 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 55.0448, 0.3424, 0.3518 by changing the saturation by 10% instead.


 55.0448, 0.3424,
0.3518

 55.0448, 0.3424,
0.3518


406.0817, 0.3279,
0.3408

 39.4376, 0.3459,
0.3544


 97.6066, 0.3372,
0.3479

 27.1003, 0.3503,
0.3577


125.3300, 0.3353,
0.3464

 17.6486, 0.3561,
0.3620


157.8608, 0.3336,
0.3451

 10.6980, 0.3640,
0.3677

195.5836, 0.3321,
0.3440

 5.8641, 0.3753,
0.3757

238.8827, 0.3309,
0.3431

 2.7626, 0.3929,
0.3878

288.1425, 0.3298,

 1.0091, 0.4516,

0.3422

0.4347

343.7474, 0.3288,
0.3415

0.0000, 0.0000,
0.0000

55.0448, 0.3424,
0.3518

55.0448, 0.3424,
0.3518

49.9062, 0.3625,
0.3656

60.6325, 0.3246,
0.3385

45.1970, 0.3850,
0.3794

66.6738, 0.3091,
0.3260

40.9066, 0.4096,
0.3926

73.1823, 0.2955,
0.3143

37.0212, 0.4359,
0.4043

79.9477, 0.2855,
0.3070

33.5259, 0.4629,
0.4133

85.9639, 0.2860,
0.3179

■ 30.4045, 0.4892,
0.4183

■ 92.3243, 0.2866,
0.3285

■ 27.6390, 0.5131,
0.4182

■ 92.5888, 0.2866,
0.3289

■ 25.2071, 0.5332,
0.4127

■ 24.6515, 0.5380,
0.4110

Harmonies

Analogous

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



55.0448, 0.3446, 0.3403



55.0448, 0.3424, 0.3518



55.0448, 0.3321, 0.3575

Triad

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



55.0448, 0.3424, 0.3518



55.0448, 0.2879, 0.3309



55.0448, 0.3081, 0.3045

Complementary

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



55.0448, 0.3424, 0.3518



51.4016, 0.2853, 0.3051

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.



55.0448, 0.2932, 0.3016



55.0448, 0.3424, 0.3518



55.0448, 0.2818, 0.3163

Square

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



55.0448, 0.3424, 0.3518



55.0448, 0.3006, 0.3453



55.0448, 0.2837, 0.3058



55.0448, 0.3245, 0.3134

Rectangle

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



55.0448, 0.3424, 0.3518



55.0448, 0.3221, 0.3569



55.0448, 0.2837, 0.3058



55.0448, 0.3027, 0.3028

Sweetspot

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



55.0473, 0.3424, 0.3518



95.3125, 0.3206, 0.3353



47.9511, 0.3301, 0.3069



20.2629, 0.3217, 0.3362



0.0000, 0.0000, 0.0000



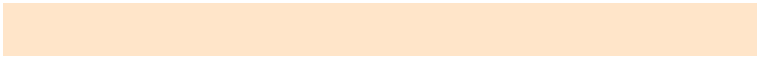
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55.0473, 0.3424, 0.3518



81.5107, 0.3495, 0.3569



63.4935, 0.3389, 0.3723



12.7979, 0.3278, 0.3410



15.0833, 0.5357, 0.4128



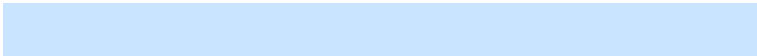
1.0020, 0.5087, 0.4343

Inverse Universe

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



51.4016, 0.2853, 0.3051



74.9106, 0.2793, 0.2995



43.9765, 0.2841, 0.2817



12.3533, 0.2982, 0.3168



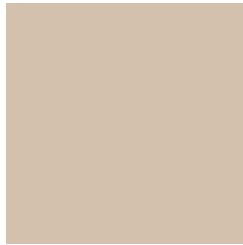
8.8523, 0.1762, 0.1544



0.6536, 0.1857, 0.1884

Previews

White Background



This preview shows how the Yxy color 55.0448, 0.3424, 0.3518 looks on a white background.

Color Contrast Check

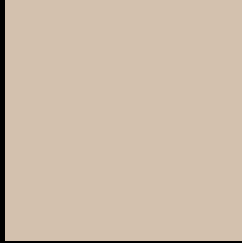
Large Text (above 18pt) WCAG AA × Fail

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 55.0448, 0.3424, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

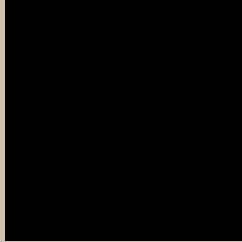
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

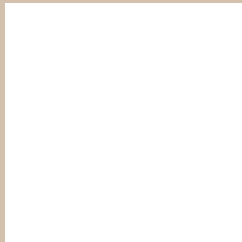
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.0448, 0.3424, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 55.0448, 0.3424, 0.3518.



This preview shows how white text looks on a background with the Yxy color 55.0448, 0.3424, 0.3518.

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

55.0448, 0.3424, 0.3518

Protanopia

54.9627, 0.3353, 0.3534

Deuteranopia

55.0199, 0.3519, 0.3454



Tritanopia

55.1541, 0.3233, 0.3128

Trichromacy



Original Color

55.0448, 0.3424, 0.3518

Protanomaly

54.9441, 0.3380, 0.3520

Deuteranomaly

54.8275, 0.3482, 0.3467

Tritanomaly

54.9288, 0.3311, 0.3267

Monochromacy



Original Color

55.0448, 0.3424, 0.3518

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.0786, 0.3228, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.0448, 0.3424, 0.3518 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(211, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(211, 193, 174)  
}
```

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(211, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 193, 174) }
```

Border

The CSS property to change the border of an element to Yxy 55.0448, 0.3424, 0.3518 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(211, 193, 174) }
```

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

```
.border{ border-color:rgb(211, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(211, 193,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 55.0448, 0.3424, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 193, 174) }
```

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

```
.background{ background-color: rgb(211,  
193, 174) }
```

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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