

Converting Colors

Yxy(52.3816, 0.3430, 0.3535)

Have a look what the booklet for
Yxy(52.3816, 0.3430, 0.3535)
contains.

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Color

Yxy(52.3816, 0.3430, 0.3535)

Conversions

Conversions Part 1

Format	Color
Hex	CEBDA9
RGB	206, 189, 169
RGB Percent	81%, 74%, 66%
CMY	0.1919, 0.2589, 0.3372
CMYK	0.00, 0.08, 0.18, 0.19
HSL	32°, 27%, 74%
HSV	32°, 18%, 81%
XYZ	50.8257, 52.3816, 44.9726
YIQ	191.8030, 16.5520, -2.6160

Conversions

Conversions Part 2

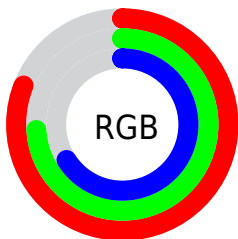
Format	Color
RYB	200, 206, 169
Decimal	13548969
CIELab	77.51, 2.78, 12.28
CIELCh	78, 12.588, 77.226
Yxy	52.3816, 0.3430, 0.3535
Android (android.graphics.Color)	4291739049 (0xFFCEBDA9)
YUV	191.8030, -11.2419, 12.4508
Hunter-Lab	72.3751, -1.3042, 13.8209

Details

The Yxy color **52.3816, 0.3430, 0.3535** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.0499, 0.2845, 0.3032**, and the grayscale version is **52.6564, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.9466, 0.3322, 0.3497**, and **25.4720, 0.3505, 0.3603** is the 20% darker color. If you saturate the color by 10%, you get **47.7172, 0.3629, 0.3679**, and if you desaturate by 10%, it is **57.4402, 0.3253, 0.3396**.

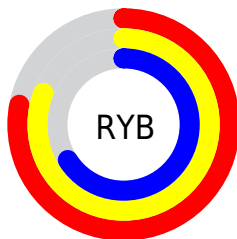
Distribution



Red (81%)

Green (74%)

Blue (66%)



Red (78%)

Yellow (81%)

Blue (66%)

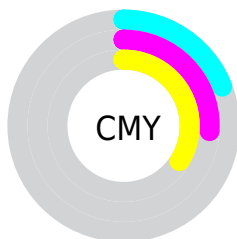


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (19%)



Cyan (19%)


Magenta (26%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3816, 0.3430, 0.3535 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 52.3816, 0.3430, 0.3535 by changing the saturation by 10% instead.

 52.3816, 0.3430,
0.3535

 52.3816, 0.3430,
0.3535


395.9080, 0.3281,
0.3416

 37.3093, 0.3466,
0.3564


 93.6938, 0.3376,
0.3492

 25.4471, 0.3513,
0.3600


120.7025, 0.3356,
0.3476

 16.4105, 0.3573,
0.3647


152.4588, 0.3339,
0.3463

 9.8151, 0.3656,
0.3711

189.3471, 0.3324,
0.3451

 5.2765, 0.3777,
0.3802

231.7517, 0.3311,
0.3440

 2.4104, 0.3965,
0.3940

280.0572, 0.3300,

 0.8312, 0.4943,

0.3431

0.4788

334.6478, 0.3290,
0.3423

0.0000, 0.0000,
0.0000

52.3816, 0.3430,
0.3535

52.3816, 0.3430,
0.3535

47.7172, 0.3629,
0.3679

57.4402, 0.3253,
0.3396

43.4293, 0.3850,
0.3823

62.8963, 0.3097,
0.3264

39.5088, 0.4090,
0.3961

68.7620, 0.2961,
0.3141

35.9435, 0.4344,
0.4083

75.0468, 0.2841,
0.3028

32.7205, 0.4602,
0.4177

80.6130, 0.2827,
0.3094

■ 29.8255, 0.4851,
0.4230

■ 86.2428, 0.2833,
0.3195

■ 27.2426, 0.5076,
0.4233

■ 91.8705, 0.2838,
0.3289

■ 24.9511, 0.5266,
0.4184

■ 24.5184, 0.5303,
0.4172

Harmonies

Analogous

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



52.3816, 0.3461, 0.3420



52.3816, 0.3430, 0.3535



52.3816, 0.3316, 0.3588

Triad

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



52.3816, 0.3430, 0.3535



52.3816, 0.2861, 0.3296



52.3816, 0.3093, 0.3041

Complementary

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



52.3816, 0.3430, 0.3535



48.0499, 0.2845, 0.3032

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.



52.3816, 0.2936, 0.3005



52.3816, 0.3430, 0.3535



52.3816, 0.2804, 0.3146

Square

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



52.3816, 0.3430, 0.3535



52.3816, 0.2987, 0.3449



52.3816, 0.2831, 0.3041



52.3816, 0.3264, 0.3139

Rectangle

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



52.3816, 0.3430, 0.3535



52.3816, 0.3211, 0.3577



52.3816, 0.2831, 0.3041



52.3816, 0.3037, 0.3021

Sweetspot

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



52.3839, 0.3430, 0.3535



95.5136, 0.3206, 0.3357



45.0685, 0.3317, 0.3079



20.3118, 0.3217, 0.3366



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.



52.3839, 0.3430, 0.3535



81.4969, 0.3513, 0.3597



59.9911, 0.3385, 0.3735



12.1987, 0.3277, 0.3415



15.2841, 0.5282, 0.4188



0.9393, 0.5013, 0.4402

Inverse Universe

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



48.0499, 0.2845, 0.3032



73.0673, 0.2775, 0.2963



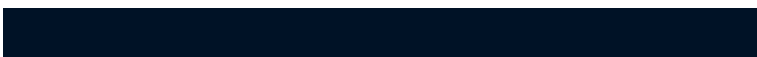
41.4126, 0.2844, 0.2806



11.6818, 0.2983, 0.3162



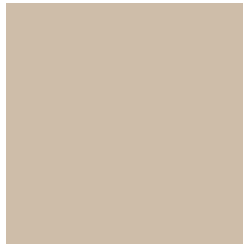
7.9674, 0.1740, 0.1464



0.5623, 0.1844, 0.1837

Previews

White Background



This preview shows how the Yxy color 52.3816, 0.3430, 0.3535 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 52.3816, 0.3430, 0.3535 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

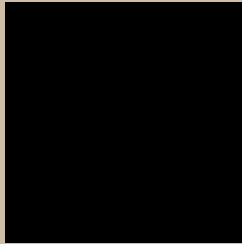
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

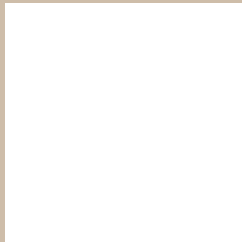
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3816, 0.3430, 0.3535

Background



This preview shows how black text looks on a background with the Yxy color 52.3816, 0.3430, 0.3535.



This preview shows how white text looks on a background with the Yxy color 52.3816, 0.3430, 0.3535.

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

52.3816, 0.3430, 0.3535

Protanopia

52.4432, 0.3366, 0.3551

Deuteranopia

52.5056, 0.3536, 0.3469



Tritanopia

52.5231, 0.3227, 0.3125

Trichromacy



Original Color

52.3816, 0.3430, 0.3535

Protanomaly

52.2857, 0.3385, 0.3538

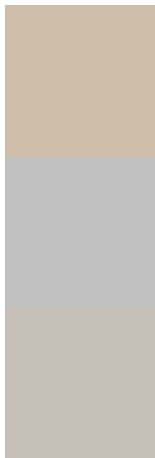
Deuteranomaly

52.3162, 0.3498, 0.3483

Tritanomaly

52.3040, 0.3306, 0.3267

Monochromacy



Original Color

52.3816, 0.3430, 0.3535

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

52.5926, 0.3230, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3816, 0.3430, 0.3535 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(206, 189, 169)` looks like.

```
.text, #text, p{  
    color:rgb(206, 189, 169)  
}
```

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(206, 189, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 189, 169) }
```

Border

The CSS property to change the border of an element to Yxy 52.3816, 0.3430, 0.3535 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(206, 189, 169) }
```

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

```
.border{ border-color:rgb(206, 189, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 189, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 189, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 189, 169);  
box-shadow:4px 4px 4px 4px rgb(206, 189,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3816, 0.3430, 0.3535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 189, 169) }
```

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

```
.background{ background-color: rgb(206,  
189, 169) }
```

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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