

Converting Colors

$Yxy(43.2597, 0.3526, 0.3558)$

Have a look what the booklet for
Yxy(43.2597, 0.3526, 0.3558)
contains.

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Color

Yxy(43.3415, 0.3524, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	C3AC97
RGB	195, 172, 151
RGB Percent	76%, 67%, 59%
CMY	0.2353, 0.3255, 0.4078
CMYK	0.00, 0.12, 0.23, 0.24
HSL	29°, 27%, 68%
HSV	29°, 23%, 76%
XYZ	42.8430, 43.3415, 35.3905
YIQ	176.4830, 20.4490, -1.6550

Conversions

Conversions Part 2

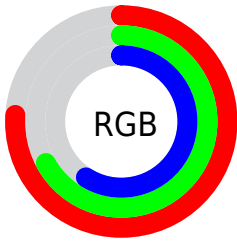
Format	Color
RYB	195, 191, 151
Decimal	12823703
CIELab	71.79, 4.98, 13.84
CIElCh	72, 14.713, 70.213
Yxy	43.3415, 0.3524, 0.3565
Android (android.graphics.Color)	4291013783 (0xFFC3AC97)
YUV	176.4830, -12.5631, 16.2394
Hunter-Lab	65.8343, 0.9527, 14.2115

Details

The Yxy color **43.3415, 0.3524, 0.3565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.7909, 0.2775, 0.2998**, and the grayscale version is **43.7412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0414, 0.3453, 0.3515**, and **20.0158, 0.3644, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **39.0297, 0.3741, 0.3694**, and if you desaturate by 10%, it is **48.0595, 0.3333, 0.3439**.

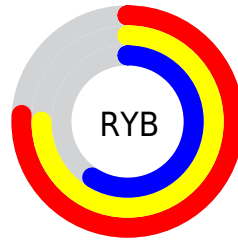
Distribution



Red (76%)

Green (67%)

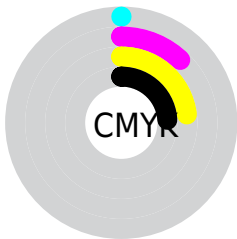
Blue (59%)



Red (76%)

Yellow (75%)

Blue (59%)

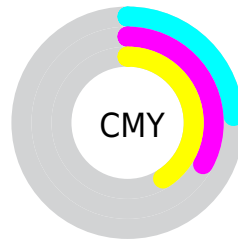


Cyan (0%)

Magenta (12%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3415, 0.3524, 0.3565 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 43.3415, 0.3524, 0.3565 by changing the saturation by 10% instead.


 43.3415, 0.3524,
0.3565


 43.3415, 0.3524,
0.3565

360.0143, 0.3322,
0.3428

 30.1532, 0.3575,
0.3599


 80.2259, 0.3450,
0.3516

 19.9549, 0.3642,
0.3642

 104.6908, 0.3422,
0.3497

 12.3622, 0.3731,
0.3699

133.6833, 0.3399,
0.3481

 6.9909, 0.3856,
0.3776

167.5879, 0.3379,
0.3467

 3.4564, 0.4045,
0.3888

206.7889, 0.3362,
0.3456

 1.3744, 0.4469,
0.4161

251.6707, 0.3347,

 0.1977, 0.6102,

0.3445

0.3898

302.6177, 0.3334,
0.3436

0.0000, 0.0000,
0.0000

43.3415, 0.3524,
0.3565

43.3415, 0.3524,
0.3565

39.0297, 0.3741,
0.3694

48.0595, 0.3333,
0.3439

35.1064, 0.3983,
0.3821

53.1891, 0.3166,
0.3319

31.5611, 0.4248,
0.3938

58.7428, 0.3021,
0.3207

28.3807, 0.4529,
0.4035

64.7311, 0.2895,
0.3104

25.5507, 0.4813,
0.4099

71.1637, 0.2786,
0.3008

■ 23.0557, 0.5084,
0.4118

■ 77.1839, 0.2759,
0.3054

■ 20.8781, 0.5323,
0.4084

■ 83.1264, 0.2768,
0.3165

■ 19.4447, 0.5479,
0.4032

■ 89.4075, 0.2777,
0.3274

■ 90.3409, 0.2778,
0.3289

Harmonies

Analogous

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



43.3415, 0.3537, 0.3408



43.3415, 0.3524, 0.3565



43.3415, 0.3402, 0.3655

Triad

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



43.3415, 0.3524, 0.3565



43.3415, 0.2826, 0.3343



43.3415, 0.3035, 0.2964

Complementary

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



43.3415, 0.3524, 0.3565



40.7909, 0.2775, 0.2998

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.



43.3415, 0.2852, 0.2939



43.3415, 0.3524, 0.3565



43.3415, 0.2735, 0.3149

Square

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



43.3415, 0.3524, 0.3565



43.3415, 0.2998, 0.3528



43.3415, 0.2744, 0.3004



43.3415, 0.3249, 0.3069

Rectangle

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



43.3415, 0.3524, 0.3565



43.3415, 0.3278, 0.3660



43.3415, 0.2744, 0.3004



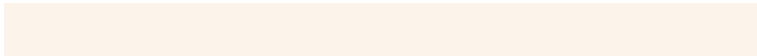
43.3415, 0.2968, 0.2946

Sweetspot

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



43.3435, 0.3524, 0.3565



90.9946, 0.3239, 0.3373



36.8124, 0.3347, 0.2986



19.8026, 0.3250, 0.3380



0.0000, 0.0000, 0.0000



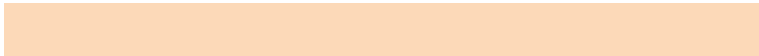
21.4041, 0.3127, 0.3290

Same Dimension

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



43.3435, 0.3524, 0.3565



73.7893, 0.3626, 0.3628



52.2082, 0.3467, 0.3829



10.8533, 0.3277, 0.3400



12.8055, 0.5457, 0.4049



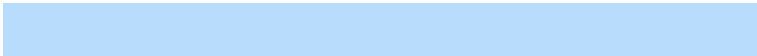
0.6912, 0.5103, 0.4330

Inverse Universe

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



40.7909, 0.2775, 0.2998



68.4224, 0.2696, 0.2926



33.1323, 0.2751, 0.2687



10.5994, 0.2984, 0.3177



8.8950, 0.1798, 0.1671



0.5217, 0.1906, 0.2063

Previews

White Background



This preview shows how the Yxy color 43.3415, 0.3524, 0.3565 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 43.3415, 0.3524, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

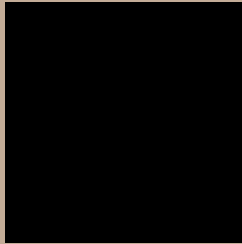
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

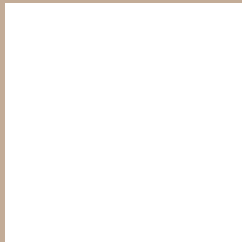
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3415, 0.3524, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 43.3415, 0.3524, 0.3565.



This preview shows how white text looks on a background with the Yxy color 43.3415, 0.3524, 0.3565.

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

43.3415, 0.3524, 0.3565

Protanopia

43.5409, 0.3393, 0.3600

Deuteranopia

43.1995, 0.3591, 0.3509



Tritanopia

43.4836, 0.3300, 0.3127

Trichromacy



Original Color

43.3415, 0.3524, 0.3565

Protanomaly

43.6183, 0.3441, 0.3596

Deuteranomaly

43.1586, 0.3559, 0.3523

Tritanomaly

43.2840, 0.3388, 0.3278

Monochromacy



Original Color

43.3415, 0.3524, 0.3565

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5172, 0.3266, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3415, 0.3524, 0.3565 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(195, 172, 151)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 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(195, 172, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 151) }
```

Border

The CSS property to change the border of an element to Yxy 43.3415, 0.3524, 0.3565 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(195, 172, 151) }
```

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

```
.border{ border-color:rgb(195, 172, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 172, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 172, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 172, 151);  
box-shadow:4px 4px 4px 4px rgb(195, 172,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3415, 0.3524, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 151) }
```

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

```
.background{ background-color: rgb(195,  
172, 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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