

Converting Colors

$Y_{xy}(43.6590, 0.3531, 0.3551)$

Have a look what the booklet for
Yxy(43.6590, 0.3531, 0.3551)
contains.

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Color

Yxy(43.6424, 0.3534, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	C5AC98
RGB	197, 172, 152
RGB Percent	77%, 67%, 60%
CMY	0.2275, 0.3255, 0.4038
CMYK	0.00, 0.13, 0.23, 0.23
HSL	27°, 28%, 68%
HSV	27°, 23%, 77%
XYZ	43.4457, 43.6424, 35.8482
YIQ	177.1950, 21.3200, -0.9200

Conversions

Conversions Part 2

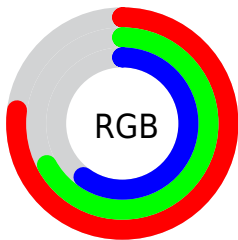
Format	Color
R _Y B	197, 188, 152
Decimal	12954776
CIE Lab	71.99, 5.90, 13.60
CIE LCh	72, 14.826, 66.566
Yxy	43.6424, 0.3534, 0.3550
Android (android.graphics.Color)	4291144856 (0xFFC5AC98)
YUV	177.1950, -12.4211, 17.3690
Hunter-Lab	66.0624, 1.7807, 14.0704

Details

The Yxy color **43.6424, 0.3534, 0.3550** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1554, 0.2772, 0.3015**, and the grayscale version is **44.1336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.4652, 0.3461, 0.3503**, and **20.2122, 0.3658, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **39.0552, 0.3756, 0.3671**, and if you desaturate by 10%, it is **48.6839, 0.3339, 0.3432**.

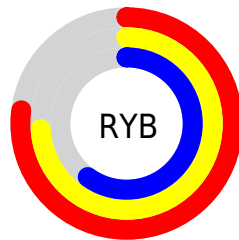
Distribution



Red (77%)

Green (67%)

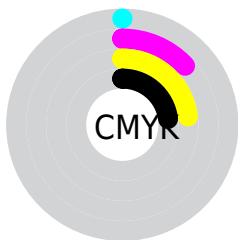
Blue (60%)



Red (77%)

Yellow (74%)

Blue (60%)

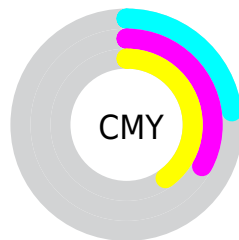


Cyan (0%)

Magenta (13%)

Yellow (23%)

Black (23%)



Cyan (23%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6424, 0.3534, 0.3550 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 43.6424, 0.3534, 0.3550 by changing the saturation by 10% instead.

 43.6424, 0.3534,
0.3550

 43.6424, 0.3534,
0.3550


361.2470, 0.3327,
0.3421

 30.3895, 0.3587,
0.3582


 80.6794, 0.3458,
0.3504

 20.1344, 0.3654,
0.3622


 105.2322, 0.3430,
0.3486

 12.4928, 0.3746,
0.3674


134.3205, 0.3406,
0.3471

 7.0802, 0.3874,
0.3746

168.3286, 0.3386,
0.3458

 3.5123, 0.4067,
0.3848

207.6409, 0.3368,
0.3447

 1.4047, 0.4479,
0.4084

252.6418, 0.3353,

 0.2202, 0.6160,

0.3438

0.3840

303.7157, 0.3339,
0.3429

0.0000, 0.0000,
0.0000

43.6424, 0.3534,
0.3550

43.6424, 0.3534,
0.3550

39.0552, 0.3756,
0.3671

48.6839, 0.3339,
0.3432

34.9029, 0.4007,
0.3789

54.1867, 0.3171,
0.3320

31.1732, 0.4283,
0.3898

60.1650, 0.3025,
0.3216

27.8508, 0.4578,
0.3986

66.6306, 0.2899,
0.3119

24.9195, 0.4878,
0.4042

73.5949, 0.2790,
0.3030

■ 22.3614, 0.5165,
0.4053

■ 80.0497, 0.2775,
0.3104

■ 20.1565, 0.5418,
0.4010

■ 86.6064, 0.2784,
0.3222

■ 18.7739, 0.5576,
0.3954

■ 90.6093, 0.2789,
0.3289

Harmonies

Analogous

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



43.6424, 0.3532, 0.3387



43.6424, 0.3534, 0.3550



43.6424, 0.3423, 0.3651

Triad

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



43.6424, 0.3534, 0.3550



43.6424, 0.2842, 0.3367



43.6424, 0.3009, 0.2955

Complementary

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



43.6424, 0.3534, 0.3550



42.1554, 0.2772, 0.3015

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.



43.6424, 0.2832, 0.2940



43.6424, 0.3534, 0.3550



43.6424, 0.2738, 0.3171

Square

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



43.6424, 0.3534, 0.3550



43.6424, 0.3022, 0.3548



43.6424, 0.2735, 0.3016



43.6424, 0.3224, 0.3051

Rectangle

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



43.6424, 0.3534, 0.3550



43.6424, 0.3303, 0.3664



43.6424, 0.2735, 0.3016



43.6424, 0.2944, 0.2940

Sweetspot

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



43.6444, 0.3534, 0.3550



92.7380, 0.3240, 0.3367



37.5271, 0.3335, 0.2963



19.7200, 0.3250, 0.3374



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.



43.6444, 0.3534, 0.3550



74.3068, 0.3632, 0.3605



52.7179, 0.3475, 0.3818



11.3998, 0.3279, 0.3393



12.5107, 0.5555, 0.3972



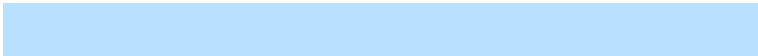
0.7363, 0.5201, 0.4253

Inverse Universe

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



42.1554, 0.2772, 0.3015



71.2062, 0.2699, 0.2952



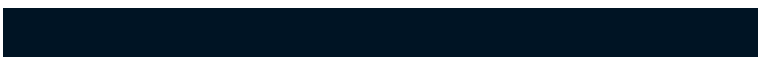
34.1574, 0.2748, 0.2700



11.2483, 0.2983, 0.3185



10.0781, 0.1828, 0.1782



0.6201, 0.1924, 0.2126

Previews

White Background



This preview shows how the Yxy color 43.6424, 0.3534, 0.3550 looks on a white background.

Color Contrast Check

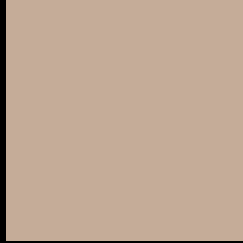
Large Text (above 18pt) WCAG AA × Fail

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 43.6424, 0.3534, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

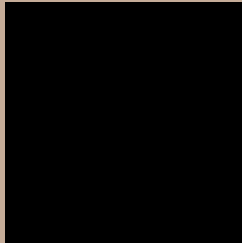
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6424, 0.3534, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 43.6424, 0.3534, 0.3550.



This preview shows how white text looks on a background with the Yxy color 43.6424, 0.3534, 0.3550.

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

43.6424, 0.3534, 0.3550

Protanopia

43.6980, 0.3394, 0.3585

Deuteranopia

43.5730, 0.3588, 0.3521



Tritanopia

43.7590, 0.3319, 0.3128

Trichromacy



Original Color

43.6424, 0.3534, 0.3550

Protanomaly

43.7787, 0.3442, 0.3582

Deuteranomaly

43.6722, 0.3566, 0.3535

Tritanomaly

43.5576, 0.3406, 0.3278

Monochromacy



Original Color

43.6424, 0.3534, 0.3550

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6774, 0.3266, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6424, 0.3534, 0.3550 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(197, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(197, 172, 152)  
}
```

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(197, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 172, 152) }
```

Border

The CSS property to change the border of an element to Yxy 43.6424, 0.3534, 0.3550 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(197, 172, 152) }
```

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

```
.border{ border-color:rgb(197, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(197, 172,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6424, 0.3534, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 172, 152) }
```

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

```
.background{ background-color: rgb(197,  
172, 152) }
```

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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