

Converting Colors

$Yxy(42.9812, 0.3549, 0.3585)$

Have a look what the booklet for
Yxy(42.9812, 0.3549, 0.3585)
contains.

Yxy(42.8978, 0.3545, 0.3579)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.8978, 0.3545, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	C3AB95
RGB	195, 171, 149
RGB Percent	76%, 67%, 58%
CMY	0.2353, 0.3294, 0.4157
CMYK	0.00, 0.12, 0.24, 0.24
HSL	29°, 28%, 67%
HSV	29°, 24%, 76%
XYZ	42.4903, 42.8978, 34.4717
YIQ	175.6680, 21.3660, -1.7540

Conversions

Conversions Part 2

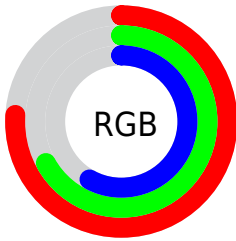
Format	Color
R _Y B	195, 191, 149
Decimal	12823445
CIE Lab	71.49, 5.22, 14.53
CIE LCh	71, 15.436, 70.230
Yxy	42.8978, 0.3545, 0.3579
Android (android.graphics.Color)	4291013525 (0xFFC3AB95)
YUV	175.6680, -13.1473, 16.9542
Hunter-Lab	65.4964, 1.1817, 14.6423

Details

The Yxy color $42.8978, 0.3545, 0.3579$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $40.2046, 0.2758, 0.2982$, and the grayscale version is $43.2956, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4000, 0.3469, 0.3525$, and $19.7382, 0.3675, 0.3666$ is the 20% darker color. If you saturate the color by 10%, you get $38.6342, 0.3764, 0.3708$, and if you desaturate by 10%, it is $47.5649, 0.3352, 0.3452$.

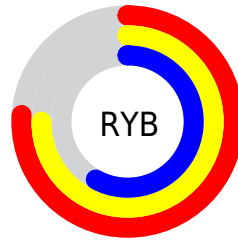
Distribution



Red (76%)

Green (67%)

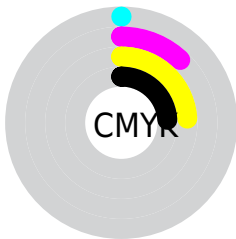
Blue (58%)



Red (76%)

Yellow (75%)

Blue (58%)

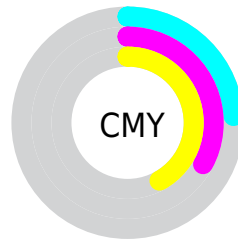


Cyan (0%)

Magenta (12%)

Yellow (24%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8978, 0.3545, 0.3579 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 42.8978, 0.3545, 0.3579 by changing the saturation by 10% instead.

 42.8978, 0.3545,
0.3579


 42.8978, 0.3545,
0.3579


358.1913, 0.3332,
0.3435

 29.8049, 0.3599,
0.3615


 79.5566, 0.3467,
0.3527

 19.6906, 0.3669,
0.3660


 103.8914, 0.3438,
0.3507

 12.1703, 0.3763,
0.3719


132.7422, 0.3413,
0.3491

 6.8598, 0.3896,
0.3801

166.4935, 0.3392,
0.3476

 3.3746, 0.4096,
0.3917

205.5296, 0.3374,
0.3464

 1.3303, 0.4586,
0.4239

250.2351, 0.3359,

 0.1645, 0.6331,

0.3453

0.3669

300.9942, 0.3345,
0.3444

0.0000, 0.0000,
0.0000

42.8978, 0.3545,
0.3579

42.8978, 0.3545,
0.3579

38.6342, 0.3764,
0.3708

47.5649, 0.3352,
0.3452

34.7565, 0.4009,
0.3835

52.6409, 0.3182,
0.3332

31.2541, 0.4275,
0.3951

58.1385, 0.3035,
0.3218

28.1139, 0.4557,
0.4045

64.0679, 0.2907,
0.3114

25.3214, 0.4840,
0.4106

70.4391, 0.2797,
0.3017

■ 22.8609, 0.5108,
0.4120

■ 76.5335, 0.2758,
0.3041

■ 20.7147, 0.5341,
0.4081

■ 82.4228, 0.2767,
0.3152

■ 19.4882, 0.5475,
0.4035

■ 88.6485, 0.2776,
0.3261

■ 90.3403, 0.2778,
0.3289

Harmonies

Analogous

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



42.8978, 0.3559, 0.3414



42.8978, 0.3545, 0.3579



42.8978, 0.3416, 0.3674

Triad

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



42.8978, 0.3545, 0.3579



42.8978, 0.2810, 0.3345



42.8978, 0.3030, 0.2948

Complementary

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



42.8978, 0.3545, 0.3579



40.2046, 0.2758, 0.2982

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.



42.8978, 0.2837, 0.2921



42.8978, 0.3545, 0.3579



42.8978, 0.2714, 0.3141

Square

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



42.8978, 0.3545, 0.3579



42.8978, 0.2991, 0.3541



42.8978, 0.2724, 0.2988



42.8978, 0.3255, 0.3058

Rectangle

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



42.8978, 0.3545, 0.3579



42.8978, 0.3286, 0.3680



42.8978, 0.2724, 0.2988



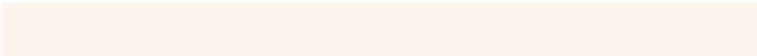
42.8978, 0.2959, 0.2929

Sweetspot

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



42.8997, 0.3545, 0.3579



91.0084, 0.3239, 0.3373



36.1310, 0.3359, 0.2971



19.8059, 0.3250, 0.3381



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.



42.8997, 0.3545, 0.3579



73.0543, 0.3648, 0.3642



52.1107, 0.3483, 0.3854



10.8555, 0.3277, 0.3400



12.8346, 0.5453, 0.4052



0.6925, 0.5101, 0.4332

Inverse Universe

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



40.2046, 0.2758, 0.2982



67.4349, 0.2680, 0.2910



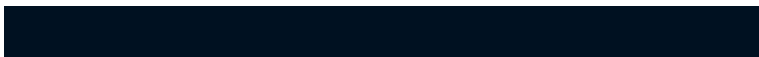
32.3102, 0.2732, 0.2656



10.5973, 0.2984, 0.3177



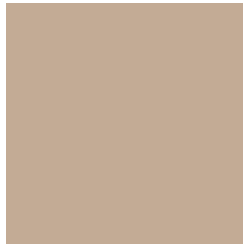
8.8627, 0.1796, 0.1667



0.5203, 0.1905, 0.2059

Previews

White Background



This preview shows how the Yxy color 42.8978, 0.3545, 0.3579 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 42.8978, 0.3545, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

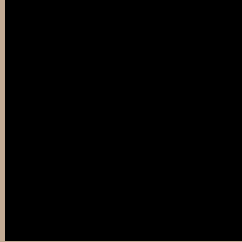
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8978, 0.3545, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 42.8978, 0.3545, 0.3579.



This preview shows how white text looks on a background with the Yxy color 42.8978, 0.3545, 0.3579.

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

42.8978, 0.3545, 0.3579

Protanopia

43.0847, 0.3412, 0.3614

Deuteranopia

42.9634, 0.3609, 0.3548



Tritanopia

43.0748, 0.3310, 0.3126

Trichromacy



Original Color

42.8978, 0.3545, 0.3579

Protanomaly

43.1655, 0.3461, 0.3611

Deuteranomaly

43.0615, 0.3587, 0.3562

Tritanomaly

42.8756, 0.3399, 0.3278

Monochromacy



Original Color

42.8978, 0.3545, 0.3579

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0926, 0.3275, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8978, 0.3545, 0.3579 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, 171, 149)` looks like.

```
.text, #text, p{  
    color:rgb(195, 171, 149)  
}
```

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, 171, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 171, 149) }
```

Border

The CSS property to change the border of an element to Yxy 42.8978, 0.3545, 0.3579 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, 171, 149) }
```

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

```
.border{ border-color:rgb(195, 171, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 171, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 171, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 171, 149);  
box-shadow:4px 4px 4px 4px rgb(195, 171,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8978, 0.3545, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 171, 149) }
```

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

```
.background{ background-color: rgb(195,  
171, 149) }
```

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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