

Converting Colors

$Yxy(42.6308, 0.3543, 0.3420)$

Have a look what the booklet for
Yxy(42.6308, 0.3543, 0.3420)
contains.

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Color

Yxy(42.4893, 0.3540, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	C9A79D
RGB	201, 167, 157
RGB Percent	79%, 65%, 62%
CMY	0.2118, 0.3451, 0.3842
CMYK	0.00, 0.17, 0.22, 0.21
HSL	14°, 29%, 70%
HSV	14°, 22%, 79%
XYZ	43.9930, 42.4893, 37.7917
YIQ	176.0260, 23.4740, 4.0980

Conversions

Conversions Part 2

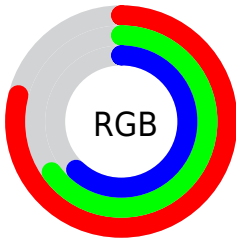
Format	Color
R _Y B	201, 170, 157
Decimal	13215645
CIE Lab	71.21, 10.88, 9.80
CIE LCh	71, 14.643, 42.027
Yxy	42.4893, 0.3540, 0.3419
Android (android.graphics.Color)	4291405725 (0xFFC9A79D)
YUV	176.0260, -9.3798, 21.9022
Hunter-Lab	65.1838, 6.3992, 11.2540

Details

The Yxy color **42.4893, 0.3540, 0.3419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.6576, 0.2796, 0.3157**, and the grayscale version is **43.4726, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.2560, 0.3435, 0.3392**, and **19.4131, 0.3657, 0.3448** is the 20% darker color. If you saturate the color by 10%, you get **36.5045, 0.3791, 0.3482**, and if you desaturate by 10%, it is **49.2751, 0.3331, 0.3358**.

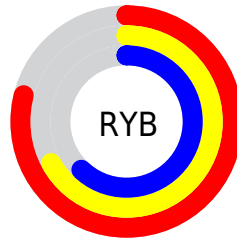
Distribution



Red (79%)

Green (65%)

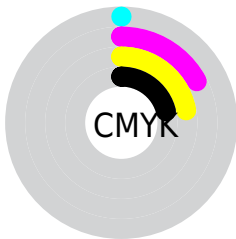
Blue (62%)



Red (79%)

Yellow (67%)

Blue (62%)

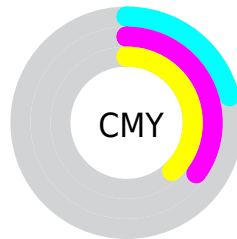


Cyan (0%)

Magenta (17%)

Yellow (22%)

Black (21%)



Cyan (21%)


Magenta (35%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.4893, 0.3540, 0.3419 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 42.4893, 0.3540, 0.3419 by changing the saturation by 10% instead.

 42.4893, 0.3540,
0.3419


 42.4893, 0.3540,
0.3419


356.5073, 0.3329,
0.3357

 29.4846, 0.3594,
0.3434


 78.9396, 0.3462,
0.3397

 19.4477, 0.3665,
0.3452


 103.1541, 0.3433,
0.3389

 11.9942, 0.3760,
0.3476


131.8739, 0.3409,
0.3381

 6.7398, 0.3896,
0.3506

165.4834, 0.3388,
0.3375

 3.2999, 0.4105,
0.3547

204.3672, 0.3370,
0.3370

 1.2902, 0.4500,
0.3628

248.9095, 0.3355,

 0.1336, 0.7460,

0.3365

0.2540

299.4947, 0.3341,
0.3361

0.0000, 0.0000,
0.0000

42.4893, 0.3540,
0.3419

42.4893, 0.3540,
0.3419

36.5045, 0.3791,
0.3482

49.2751, 0.3331,
0.3358

31.2851, 0.4087,
0.3544

56.8840, 0.3156,
0.3300

26.8016, 0.4430,
0.3599

65.3447, 0.3012,
0.3247

23.0202, 0.4813,
0.3639

74.6828, 0.2891,
0.3199

19.9045, 0.5216,
0.3654

84.7588, 0.2803,
0.3181

■ 17.4144, 0.5603,
0.3635

■ 91.1572, 0.2811,
0.3289

■ 15.5053, 0.5930,
0.3576

■ 14.3409, 0.6134,
0.3512

Harmonies

Analogous

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



42.4893, 0.3444, 0.3239



42.4893, 0.3540, 0.3419



42.4893, 0.3520, 0.3573

Triad

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



42.4893, 0.3540, 0.3419



42.4893, 0.2986, 0.3518



42.4893, 0.2860, 0.2937

Complementary

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



42.4893, 0.3540, 0.3419



48.6576, 0.2796, 0.3157

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.



42.4893, 0.2747, 0.2997



42.4893, 0.3540, 0.3419



42.4893, 0.2817, 0.3331

Square

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



42.4893, 0.3540, 0.3419



42.4893, 0.3196, 0.3640



42.4893, 0.2731, 0.3138



42.4893, 0.3047, 0.2968

Rectangle

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



42.4893, 0.3540, 0.3419



42.4893, 0.3445, 0.3640



42.4893, 0.2731, 0.3138



42.4893, 0.2813, 0.2947

Sweetspot

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



42.4912, 0.3540, 0.3419



90.4126, 0.3243, 0.3330



40.3221, 0.3237, 0.2862



19.1824, 0.3254, 0.3333



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.



42.4912, 0.3540, 0.3419



67.9858, 0.3647, 0.3447



51.0495, 0.3484, 0.3685



11.0209, 0.3284, 0.3343



9.1329, 0.6110, 0.3530



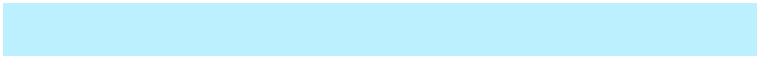
0.5456, 0.5696, 0.3860

Inverse Universe

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



48.6576, 0.2796, 0.3157



80.2941, 0.2730, 0.3127



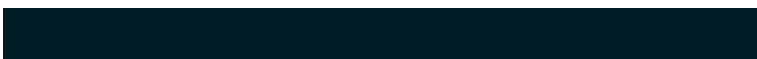
39.9441, 0.2774, 0.2861



11.6435, 0.2984, 0.3236



17.6157, 0.2041, 0.2548



0.9372, 0.2089, 0.2720

Previews

White Background



This preview shows how the Yxy color 42.4893, 0.3540, 0.3419 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 42.4893, 0.3540, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

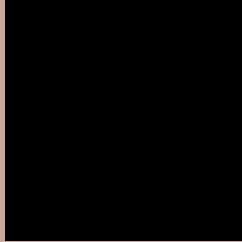
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.4893, 0.3540, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 42.4893, 0.3540, 0.3419.



This preview shows how white text looks on a background with the Yxy color 42.4893, 0.3540, 0.3419.

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

42.4893, 0.3540, 0.3419

Protanopia

42.6691, 0.3300, 0.3466

Deuteranopia

42.4454, 0.3509, 0.3433



Tritanopia

42.4218, 0.3380, 0.3128

Trichromacy



Original Color

42.4893, 0.3540, 0.3419

Protanomaly

42.3553, 0.3379, 0.3437

Deuteranomaly

42.5817, 0.3518, 0.3433

Tritanomaly

42.3691, 0.3433, 0.3228

Monochromacy



Original Color

42.4893, 0.3540, 0.3419

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.0660, 0.3269, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.4893, 0.3540, 0.3419 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(201, 167, 157)` looks like.

```
.text, #text, p{  
    color:rgb(201, 167, 157)  
}
```

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(201, 167, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 167, 157) }
```

Border

The CSS property to change the border of an element to Yxy 42.4893, 0.3540, 0.3419 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(201, 167, 157) }
```

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

```
.border{ border-color:rgb(201, 167, 157) }
```

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

Here you see how a box with a 4 pixel rgb(201, 167, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 167, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 167, 157);  
box-shadow:4px 4px 4px 4px rgb(201, 167,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 42.4893, 0.3540, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 167, 157) }
```

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

```
.background{ background-color: rgb(201,  
167, 157) }
```

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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