

Converting Colors

$Yxy(41.6239, 0.3536, 0.3394)$

Have a look what the booklet for
Yxy(41.6239, 0.3536, 0.3394)
contains.

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Color

Yxy(41.6239, 0.3536, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	C8A59D
RGB	200, 165, 157
RGB Percent	78%, 65%, 62%
CMY	0.2156, 0.3530, 0.3843
CMYK	0.00, 0.18, 0.22, 0.22
HSL	11°, 28%, 70%
HSV	11°, 22%, 78%
XYZ	43.3654, 41.6239, 37.6504
YIQ	174.5530, 23.4280, 4.9320

Conversions

Conversions Part 2

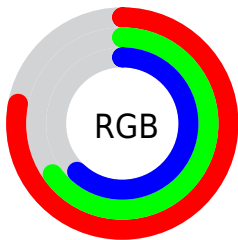
Format	Color
R _Y B	200, 167, 157
Decimal	13149597
CIE Lab	70.61, 11.60, 8.95
CIE LCh	71, 14.651, 37.658
Yxy	41.6239, 0.3536, 0.3394
Android (android.graphics.Color)	4291339677 (0xFFC8A59D)
YUV	174.5530, -8.6536, 22.3170
Hunter-Lab	64.5166, 7.0763, 10.5614

Details

The Yxy color **41.6239, 0.3536, 0.3394** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.0557, 0.2803, 0.3183**, and the grayscale version is **42.6654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1999, 0.3438, 0.3372**, and **18.8706, 0.3652, 0.3414** is the 20% darker color. If you saturate the color by 10%, you get **35.4911, 0.3791, 0.3446**, and if you desaturate by 10%, it is **48.6207, 0.3325, 0.3344**.

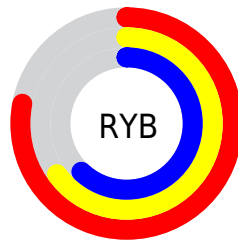
Distribution



Red (78%)

Green (65%)

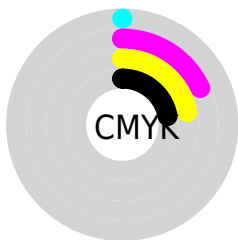
Blue (62%)



Red (78%)

Yellow (65%)

Blue (62%)

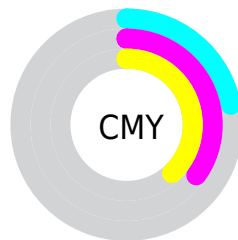


Cyan (0%)

Magenta (18%)

Yellow (22%)

Black (22%)



Cyan (22%)


Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6239, 0.3536, 0.3394 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 41.6239, 0.3536, 0.3394 by changing the saturation by 10% instead.


 41.6239, 0.3536,
0.3394

 41.6239, 0.3536,
0.3394


352.9215, 0.3326,
0.3344

 28.8069, 0.3590,
0.3406


 77.6301, 0.3458,
0.3376

 18.9348, 0.3661,
0.3420


 101.5881, 0.3430,
0.3370

 11.6232, 0.3756,
0.3438


130.0285, 0.3406,
0.3364

 6.4876, 0.3894,
0.3462

163.3358, 0.3385,
0.3359

 3.1438, 0.4105,
0.3492

201.8944, 0.3367,
0.3355

 1.2073, 0.4516,
0.3559

246.0886, 0.3352,

 0.0676, 0.8371,

0.3351

0.1629

296.3028, 0.3338,
0.3347

0.0000, 0.0000,
0.0000

41.6239, 0.3536,
0.3394

41.6239, 0.3536,
0.3394

35.4911, 0.3791,
0.3446

48.6207, 0.3325,
0.3344

30.1832, 0.4095,
0.3497

56.5074, 0.3151,
0.3297

25.6664, 0.4449,
0.3541

65.3160, 0.3007,
0.3253

21.9023, 0.4847,
0.3573

75.0750, 0.2888,
0.3214

18.8494, 0.5266,
0.3584

85.6809, 0.2799,
0.3199

■ 16.4619, 0.5668,
0.3564

■ 91.0226, 0.2805,
0.3289

■ 14.6885, 0.6001,
0.3511

■ 13.6143, 0.6209,
0.3452

Harmonies

Analogous

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



41.6239, 0.3424, 0.3213



41.6239, 0.3536, 0.3394



41.6239, 0.3533, 0.3556

Triad

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



41.6239, 0.3536, 0.3394



41.6239, 0.3014, 0.3543



41.6239, 0.2836, 0.2938

Complementary

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



41.6239, 0.3536, 0.3394



49.0557, 0.2803, 0.3183

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.



41.6239, 0.2735, 0.3011



41.6239, 0.3536, 0.3394



41.6239, 0.2836, 0.3360

Square

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



41.6239, 0.3536, 0.3394



41.6239, 0.3228, 0.3652



41.6239, 0.2735, 0.3163



41.6239, 0.3016, 0.2956

Rectangle

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



41.6239, 0.3536, 0.3394



41.6239, 0.3468, 0.3631



41.6239, 0.2735, 0.3163



41.6239, 0.2792, 0.2952

Sweetspot

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



41.6258, 0.3536, 0.3394



91.3601, 0.3226, 0.3318



40.2114, 0.3222, 0.2853



19.3611, 0.3238, 0.3321



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.



41.6258, 0.3536, 0.3394



66.6990, 0.3654, 0.3419



50.0047, 0.3481, 0.3660



10.9503, 0.3285, 0.3334



8.7515, 0.6189, 0.3468



0.5136, 0.5801, 0.3776

Inverse Universe

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



49.0557, 0.2803, 0.3183



81.9164, 0.2733, 0.3156



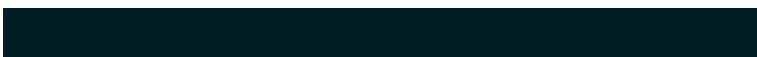
40.3265, 0.2782, 0.2890



11.7198, 0.2984, 0.3246



19.3989, 0.2081, 0.2691



1.0078, 0.2119, 0.2829

Previews

White Background



This preview shows how the Yxy color 41.6239, 0.3536, 0.3394 looks on a white background.

Color Contrast Check

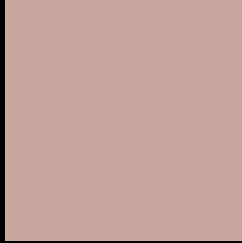
Large Text (above 18pt) WCAG AA × Fail

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 41.6239, 0.3536, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

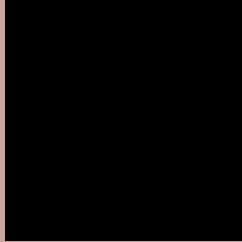
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6239, 0.3536, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 41.6239, 0.3536, 0.3394.



This preview shows how white text looks on a background with the Yxy color 41.6239, 0.3536, 0.3394.

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

41.6239, 0.3536, 0.3394

Protanopia

41.6620, 0.3285, 0.3440

Deuteranopia

41.8075, 0.3492, 0.3421



Tritanopia

41.4924, 0.3392, 0.3127

Trichromacy



Original Color

41.6239, 0.3536, 0.3394

Protanomaly

41.4788, 0.3374, 0.3411

Deuteranomaly

41.5771, 0.3504, 0.3408

Tritanomaly

41.4390, 0.3446, 0.3227

Monochromacy



Original Color

41.6239, 0.3536, 0.3394

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.1433, 0.3272, 0.3330

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6239, 0.3536, 0.3394 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(200, 165, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 165, 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(200, 165, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 165, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.6239, 0.3536, 0.3394 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(200, 165, 157) }
```

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

```
.border{ border-color:rgb(200, 165, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 165, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 165, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 165, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 165,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6239, 0.3536, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 165, 157) }
```

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

```
.background{ background-color: rgb(200,  
165, 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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