

Converting Colors

$Yxy(43.6637, 0.3459, 0.3347)$

Have a look what the booklet for
Yxy(43.6637, 0.3459, 0.3347)
contains.

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Color

Yxy(43.5101, 0.3461, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	C9A9A5
RGB	201, 169, 165
RGB Percent	79%, 66%, 65%
CMY	0.2119, 0.3372, 0.3529
CMYK	0.00, 0.16, 0.18, 0.21
HSL	7°, 25%, 72%
HSV	7°, 18%, 79%
XYZ	45.0594, 43.5101, 41.6223
YIQ	178.1120, 20.3560, 5.5400

Conversions

Conversions Part 2

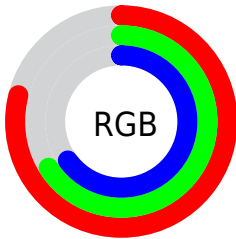
Format	Color
R _Y B	201, 170, 165
Decimal	13216165
CIE Lab	71.90, 10.99, 6.40
CIE LCh	72, 12.719, 30.216
Yxy	43.5101, 0.3461, 0.3342
Android (android.graphics.Color)	4291406245 (0xFFC9A9A5)
YUV	178.1120, -6.4642, 20.0728
Hunter-Lab	65.9622, 6.5012, 8.7614

Details

The Yxy color **43.5101, 0.3461, 0.3342** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1235, 0.2858, 0.3237**, and the grayscale version is **44.6094, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7386, 0.3376, 0.3331**, and **20.1179, 0.3570, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **36.6407, 0.3708, 0.3373**, and if you desaturate by 10%, it is **51.4054, 0.3259, 0.3312**.

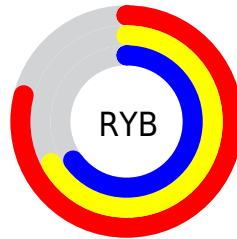
Distribution



Red (79%)

Green (66%)

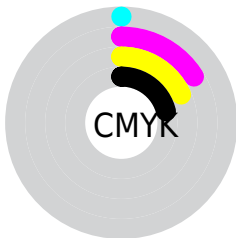
Blue (65%)



Red (79%)

Yellow (67%)

Blue (65%)

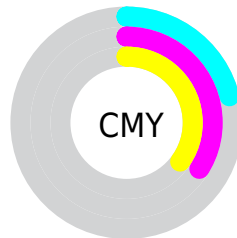


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (21%)



Cyan (21%)


Magenta (34%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5101, 0.3461, 0.3342 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 43.5101, 0.3461, 0.3342 by changing the saturation by 10% instead.


 43.5101, 0.3461,
0.3342


 43.5101, 0.3461,
0.3342


360.7054, 0.3291,
0.3318

 30.2856, 0.3504,
0.3347


 80.4801, 0.3399,
0.3334

 20.0554, 0.3561,
0.3354

 104.9943, 0.3375,
0.3330

 12.4353, 0.3637,
0.3362


134.0405, 0.3356,
0.3328

 7.0409, 0.3745,
0.3372

168.0031, 0.3339,
0.3325

 3.4877, 0.3911,
0.3384

207.2665, 0.3325,
0.3323

 1.3913, 0.4196,
0.3396

252.2150, 0.3312,

 0.2103, 0.6900,

0.3321

0.3100

303.2332, 0.3301,
0.3319

0.0000, 0.0000,
0.0000

43.5101, 0.3461,
0.3342

43.5101, 0.3461,
0.3342

36.6407, 0.3708,
0.3373

51.4054, 0.3259,
0.3312

30.7494, 0.4008,
0.3405

60.3602, 0.3095,
0.3284

25.7934, 0.4365,
0.3433

70.4137, 0.2961,
0.3259

21.7245, 0.4776,
0.3455

81.6016, 0.2851,
0.3236

18.4902, 0.5220,
0.3463

91.1522, 0.2810,
0.3289

■ 16.0322, 0.5656,
0.3453

■ 14.2848, 0.6024,
0.3422

■ 13.1691, 0.6273,
0.3375

■ 13.0029, 0.6314,
0.3369

Harmonies

Analogous

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



43.5101, 0.3345, 0.3188



43.5101, 0.3461, 0.3342



43.5101, 0.3484, 0.3488

Triad

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



43.5101, 0.3461, 0.3342



43.5101, 0.3076, 0.3536



43.5101, 0.2849, 0.2996

Complementary

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



43.5101, 0.3461, 0.3342



52.1235, 0.2858, 0.3237

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.



43.5101, 0.2782, 0.3079



43.5101, 0.3461, 0.3342



43.5101, 0.2910, 0.3392

Square

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



43.5101, 0.3461, 0.3342



43.5101, 0.3258, 0.3608



43.5101, 0.2804, 0.3223



43.5101, 0.2990, 0.2992

Rectangle

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



43.5101, 0.3461, 0.3342



43.5101, 0.3444, 0.3562



43.5101, 0.2804, 0.3223



43.5101, 0.2817, 0.3015

Sweetspot

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



43.5121, 0.3461, 0.3342



92.1909, 0.3210, 0.3304



43.3721, 0.3178, 0.2893



19.5059, 0.3222, 0.3306



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.



43.5121, 0.3461, 0.3342



70.3320, 0.3539, 0.3353



50.4912, 0.3423, 0.3560



10.8244, 0.3287, 0.3316



8.2475, 0.6299, 0.3381



0.4562, 0.6013, 0.3608

Inverse Universe

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



52.1235, 0.2858, 0.3237



87.4644, 0.2809, 0.3226



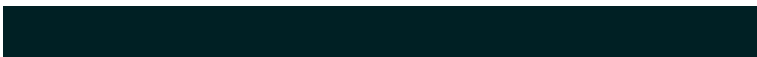
44.6108, 0.2846, 0.3004



11.8575, 0.2984, 0.3263



22.8958, 0.2150, 0.2938



1.1432, 0.2172, 0.3018

Previews

White Background



This preview shows how the Yxy color 43.5101, 0.3461, 0.3342 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 43.5101, 0.3461, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

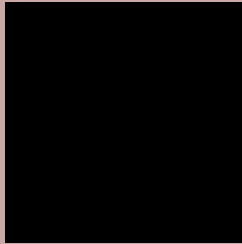
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5101, 0.3461, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 43.5101, 0.3461, 0.3342.



This preview shows how white text looks on a background with the Yxy color 43.5101, 0.3461, 0.3342.

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

43.5101, 0.3461, 0.3342

Protanopia

43.7390, 0.3229, 0.3384

Deuteranopia

43.4718, 0.3431, 0.3355



Tritanopia

43.6292, 0.3348, 0.3129

Trichromacy



Original Color

43.5101, 0.3461, 0.3342

Protanomaly

43.4057, 0.3306, 0.3356

Deuteranomaly

43.6082, 0.3440, 0.3355

Tritanomaly

43.6570, 0.3382, 0.3203

Monochromacy



Original Color

43.5101, 0.3461, 0.3342

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1162, 0.3242, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5101, 0.3461, 0.3342 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, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(201, 169, 165)  
}
```

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, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 169, 165) }
```

Border

The CSS property to change the border of an element to Yxy 43.5101, 0.3461, 0.3342 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, 169, 165) }
```

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

```
.border{ border-color:rgb(201, 169, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(201, 169,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5101, 0.3461, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 169, 165) }
```

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

```
.background{ background-color: rgb(201,  
169, 165) }
```

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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