

Converting Colors

$Yxy(41.4894, 0.3476, 0.3337)$

Have a look what the booklet for
Yxy(41.4894, 0.3476, 0.3337)
contains.

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Color

Yxy(41.4892, 0.3479, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	C6A5A1
RGB	198, 165, 161
RGB Percent	78%, 65%, 63%
CMY	0.2235, 0.3529, 0.3687
CMYK	0.00, 0.17, 0.19, 0.22
HSL	7°, 25%, 70%
HSV	7°, 19%, 78%
XYZ	43.1771, 41.4892, 39.4414
YIQ	174.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

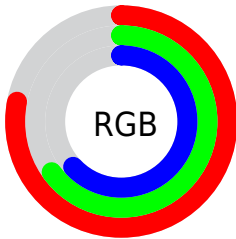
Format	Color
RYB	198, 165, 161
Decimal	13018529
CIELab	70.52, 11.44, 6.60
CIELCh	71, 13.209, 29.966
Yxy	41.4892, 0.3479, 0.3343
Android (android.graphics.Color)	4291208609 (0xFFC6A5A1)
YUV	174.4110, -6.6116, 20.6876
Hunter-Lab	64.4121, 6.9319, 8.7835

Details

The Yxy color **41.4892, 0.3479, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.2303, 0.2846, 0.3236**, and the grayscale version is **42.5772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4043, 0.3410, 0.3331**, and **18.8653, 0.3584, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **34.9131, 0.3730, 0.3374**, and if you desaturate by 10%, it is **49.0584, 0.3274, 0.3314**.

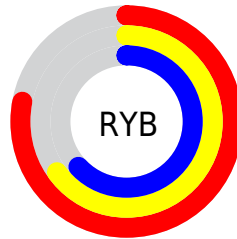
Distribution



Red (78%)

Green (65%)

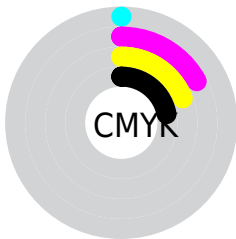
Blue (63%)



Red (78%)

Yellow (65%)

Blue (63%)

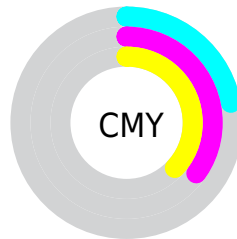


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (22%)



Cyan (22%)


Magenta (35%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4892, 0.3479, 0.3343 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 41.4892, 0.3479, 0.3343 by changing the saturation by 10% instead.


 41.4892, 0.3479,
0.3343


 41.4892, 0.3479,
0.3343

352.3611, 0.3298,
0.3318

 28.7015, 0.3526,
0.3349


 77.4260, 0.3412,
0.3334

 18.8552, 0.3586,
0.3355


 101.3438, 0.3388,
0.3331

 11.5657, 0.3669,
0.3363


129.7406, 0.3367,
0.3328

 6.4487, 0.3787,
0.3373

163.0006, 0.3349,
0.3326

 3.1198, 0.3971,
0.3385

201.5083, 0.3334,
0.3324

 1.1946, 0.4304,
0.3401

245.6480, 0.3321,

 0.0573, 0.8536,

0.3322

0.1464

295.8041, 0.3309,
0.3320

0.0000, 0.0000,
0.0000

41.4892, 0.3479,
0.3343

41.4892, 0.3479,
0.3343

34.9131, 0.3730,
0.3374

49.0584, 0.3274,
0.3314

29.2834, 0.4035,
0.3404

57.6536, 0.3107,
0.3287

24.5582, 0.4397,
0.3431

67.3131, 0.2971,
0.3262

20.6903, 0.4812,
0.3451

78.0717, 0.2860,
0.3239

17.6280, 0.5257,
0.3459

89.6372, 0.2793,
0.3271

■ 15.3141, 0.5691,
0.3447

■ 90.7470, 0.2794,
0.3289

■ 13.6839, 0.6051,
0.3415

■ 12.6579, 0.6291,
0.3370

■ 12.5623, 0.6316,
0.3367

Harmonies

Analogous

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



41.4892, 0.3356, 0.3181



41.4892, 0.3479, 0.3343



41.4892, 0.3504, 0.3498

Triad

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



41.4892, 0.3479, 0.3343



41.4892, 0.3074, 0.3551



41.4892, 0.2833, 0.2981

Complementary

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



41.4892, 0.3479, 0.3343



50.2303, 0.2846, 0.3236

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.



41.4892, 0.2763, 0.3068



41.4892, 0.3479, 0.3343



41.4892, 0.2900, 0.3399

Square

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



41.4892, 0.3479, 0.3343



41.4892, 0.3267, 0.3626



41.4892, 0.2787, 0.3220



41.4892, 0.2981, 0.2975

Rectangle

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



41.4892, 0.3479, 0.3343



41.4892, 0.3462, 0.3576



41.4892, 0.2787, 0.3220



41.4892, 0.2800, 0.3001

Sweetspot

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



41.4911, 0.3479, 0.3343



90.6586, 0.3227, 0.3306



41.3989, 0.3181, 0.2875



19.1959, 0.3239, 0.3308



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.



41.4911, 0.3479, 0.3343



69.0388, 0.3564, 0.3354



48.5282, 0.3438, 0.3572



10.8193, 0.3287, 0.3316



8.2315, 0.6302, 0.3378



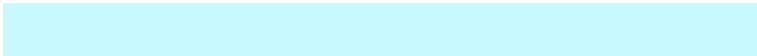
0.4539, 0.6022, 0.3600

Inverse Universe

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



50.2303, 0.2846, 0.3236



87.0415, 0.2795, 0.3225



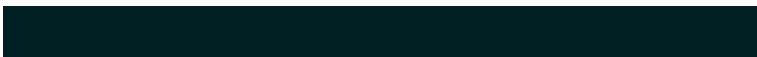
42.6220, 0.2833, 0.2990



11.8631, 0.2984, 0.3264



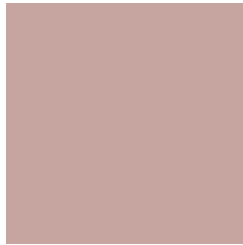
23.0465, 0.2152, 0.2948



1.1490, 0.2174, 0.3025

Previews

White Background



This preview shows how the Yxy color 41.4892, 0.3479, 0.3343 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 41.4892, 0.3479, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

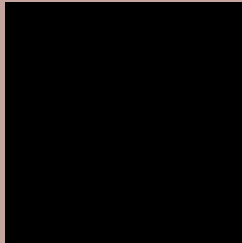
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.4892, 0.3479, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 41.4892, 0.3479, 0.3343.



This preview shows how white text looks on a background with the Yxy color 41.4892, 0.3479, 0.3343.

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

41.4892, 0.3479, 0.3343

Protanopia

41.6866, 0.3241, 0.3386

Deuteranopia

41.6800, 0.3436, 0.3369



Tritanopia

41.5689, 0.3371, 0.3138

Trichromacy



Original Color

41.4892, 0.3479, 0.3343

Protanomaly

41.3706, 0.3319, 0.3357

Deuteranomaly

41.4477, 0.3447, 0.3356

Tritanomaly

41.5953, 0.3406, 0.3214

Monochromacy



Original Color

41.4892, 0.3479, 0.3343

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.0577, 0.3254, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4892, 0.3479, 0.3343 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(198, 165, 161)` looks like.

```
.text, #text, p{  
    color:rgb(198, 165, 161)  
}
```

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(198, 165, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 165, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.4892, 0.3479, 0.3343 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(198, 165, 161) }
```

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

```
.border{ border-color:rgb(198, 165, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 165, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 165, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 165, 161);  
box-shadow:4px 4px 4px 4px rgb(198, 165,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4892, 0.3479, 0.3343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 165, 161) }
```

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

```
.background{ background-color: rgb(198,  
165, 161) }
```

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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