

Converting Colors

$Yxy(41.0599, 0.3500, 0.3356)$

Have a look what the booklet for
Yxy(41.0599, 0.3500, 0.3356)
contains.

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Color

Yxy(41.0599, 0.3500, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	C6A49F
RGB	198, 164, 159
RGB Percent	78%, 64%, 62%
CMY	0.2235, 0.3568, 0.3765
CMYK	0.00, 0.17, 0.20, 0.22
HSL	8°, 25%, 70%
HSV	8°, 20%, 78%
XYZ	42.8217, 41.0599, 38.4661
YIQ	173.5960, 21.8690, 5.6530

Conversions

Conversions Part 2

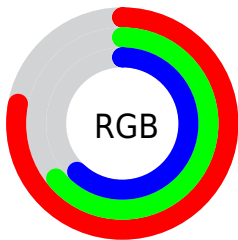
Format	Color
RYB	198, 165, 159
Decimal	13018271
CIELab	70.22, 11.68, 7.27
CIElCh	70, 13.753, 31.895
Yxy	41.0599, 0.3500, 0.3356
Android (android.graphics.Color)	4291208351 (0xFFC6A49F)
YUV	173.5960, -7.1958, 21.4023
Hunter-Lab	64.0780, 7.1505, 9.2627

Details

The Yxy color **41.0599, 0.3500, 0.3356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.5828, 0.2831, 0.3223**, and the grayscale version is **42.1394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.7781, 0.3425, 0.3341**, and **18.6003, 0.3615, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **34.6652, 0.3753, 0.3392**, and if you desaturate by 10%, it is **48.4065, 0.3292, 0.3321**.

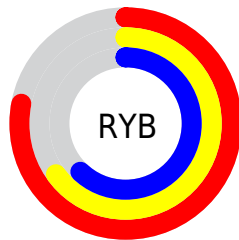
Distribution



Red (78%)

Green (64%)

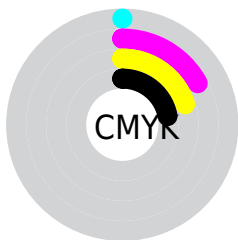
Blue (62%)



Red (78%)

Yellow (65%)

Blue (62%)

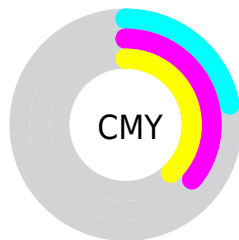


Cyan (0%)

Magenta (17%)

Yellow (20%)

Black (22%)



Cyan (22%)


Magenta (36%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.0599, 0.3500, 0.3356 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 41.0599, 0.3500, 0.3356 by changing the saturation by 10% instead.


 41.0599, 0.3500,
0.3356

 41.0599, 0.3500,
0.3356


350.5709, 0.3308,
0.3325

 28.3659, 0.3550,
0.3363


 76.7748, 0.3429,
0.3345

 18.6017, 0.3614,
0.3372


 100.5645, 0.3403,
0.3341

 11.3828, 0.3702,
0.3382


128.8216, 0.3381,
0.3337

 6.3249, 0.3829,
0.3396

161.9304, 0.3362,
0.3334

 3.0437, 0.4026,
0.3411

200.2753, 0.3346,
0.3332

 1.1546, 0.4397,
0.3444

244.2408, 0.3332,

 0.0241, 0.9274,

0.3329

0.0726

294.2112, 0.3319,
0.3327

0.0000, 0.0000,
0.0000

41.0599, 0.3500,
0.3356

41.0599, 0.3500,
0.3356

34.6652, 0.3753,
0.3392

48.4065, 0.3292,
0.3321

29.1780, 0.4060,
0.3428

56.7360, 0.3123,
0.3289

24.5588, 0.4422,
0.3460

66.0847, 0.2984,
0.3259

20.7629, 0.4834,
0.3482

76.4855, 0.2870,
0.3233

17.7417, 0.5274,
0.3490

87.7755, 0.2791,
0.3239

■ 15.4413, 0.5698,
0.3476

■ 90.7458, 0.2794,
0.3289

■ 13.8010, 0.6049,
0.3437

■ 12.7440, 0.6287,
0.3386

■ 12.7200, 0.6293,
0.3385

Harmonies

Analogous

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



41.0599, 0.3377, 0.3186



41.0599, 0.3500, 0.3356



41.0599, 0.3519, 0.3516

Triad

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



41.0599, 0.3500, 0.3356



41.0599, 0.3059, 0.3555



41.0599, 0.2828, 0.2964

Complementary

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



41.0599, 0.3500, 0.3356



49.5828, 0.2831, 0.3223

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.



41.0599, 0.2749, 0.3049



41.0599, 0.3500, 0.3356



41.0599, 0.2880, 0.3392

Square

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



41.0599, 0.3500, 0.3356



41.0599, 0.3260, 0.3639



41.0599, 0.2768, 0.3205



41.0599, 0.2986, 0.2964

Rectangle

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



41.0599, 0.3500, 0.3356



41.0599, 0.3471, 0.3595



41.0599, 0.2768, 0.3205



41.0599, 0.2791, 0.2983

Sweetspot

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



41.0618, 0.3500, 0.3356



90.8389, 0.3227, 0.3309



40.6705, 0.3190, 0.2860



19.2383, 0.3239, 0.3312



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.



41.0618, 0.3500, 0.3356



67.2290, 0.3612, 0.3373



48.3957, 0.3455, 0.3596



10.8529, 0.3286, 0.3320



8.3428, 0.6277, 0.3398



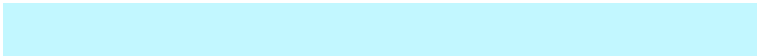
0.4693, 0.5962, 0.3648

Inverse Universe

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



49.5828, 0.2831, 0.3223



85.2685, 0.2765, 0.3205



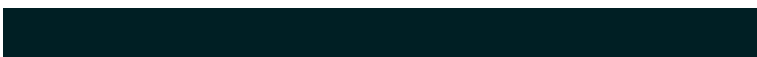
41.6991, 0.2816, 0.2964



11.8261, 0.2984, 0.3260



22.0669, 0.2134, 0.2883



1.1115, 0.2160, 0.2975

Previews

White Background



This preview shows how the Yxy color 41.0599, 0.3500, 0.3356 looks on a white background.

Color Contrast Check

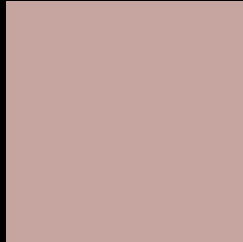
Large Text (above 18pt) WCAG AA × Fail

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 41.0599, 0.3500, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

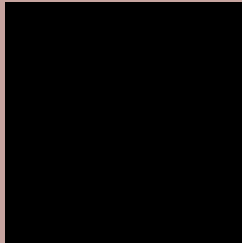
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0599, 0.3500, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 41.0599, 0.3500, 0.3356.



This preview shows how white text looks on a background with the Yxy color 41.0599, 0.3500, 0.3356.

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

41.0599, 0.3500, 0.3356

Protanopia

41.1173, 0.3250, 0.3400

Deuteranopia

41.1131, 0.3447, 0.3383



Tritanopia

41.1760, 0.3382, 0.3138

Trichromacy



Original Color

41.0599, 0.3500, 0.3356

Protanomaly

40.9282, 0.3339, 0.3371

Deuteranomaly

41.0156, 0.3468, 0.3369

Tritanomaly

41.2011, 0.3418, 0.3214

Monochromacy



Original Color

41.0599, 0.3500, 0.3356

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.6813, 0.3255, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0599, 0.3500, 0.3356 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, 164, 159)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 159)  
}
```

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, 164, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 159) }
```

Border

The CSS property to change the border of an element to Yxy 41.0599, 0.3500, 0.3356 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, 164, 159) }
```

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

```
.border{ border-color:rgb(198, 164, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 159);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0599, 0.3500, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 159) }
```

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

```
.background{ background-color: rgb(198,  
164, 159) }
```

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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