

Converting Colors

$Y_{xy}(41.2578, 0.3610, 0.3412)$

Have a look what the booklet for
Yxy(41.2578, 0.3610, 0.3412)
contains.

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Color

Yxy(41.3317, 0.3619, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	CCA399
RGB	204, 163, 153
RGB Percent	80%, 64%, 60%
CMY	0.2000, 0.3608, 0.4000
CMYK	0.00, 0.20, 0.25, 0.20
HSL	12°, 33%, 70%
HSV	12°, 25%, 80%
XYZ	43.7495, 41.3317, 35.8071
YIQ	174.1190, 27.6460, 5.5820

Conversions

Conversions Part 2

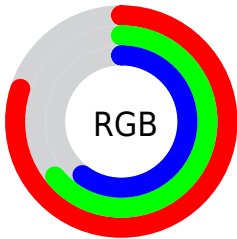
Format	Color
R_{YB}	204, 165, 153
Decimal	13411225
CIE Lab	70.41, 13.61, 10.93
CIE LCh	70, 17.453, 38.773
Yxy	41.3317, 0.3619, 0.3419
Android (android.graphics.Color)	4291601305 (0xFFCCA399)
YUV	174.1190, -10.4117, 26.2056
Hunter-Lab	64.2897, 8.9630, 11.9804

Details

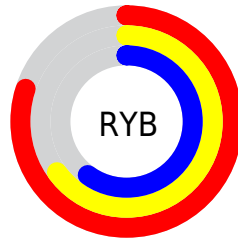
The Yxy color **41.3317, 0.3619, 0.3419** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.7146, 0.2751, 0.3157**, and the grayscale version is **42.4367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.9078, 0.3477, 0.3403**, and **18.7177, 0.3771, 0.3447** is the 20% darker color. If you saturate the color by 10%, you get **35.2653, 0.3889, 0.3474**, and if you desaturate by 10%, it is **48.2722, 0.3394, 0.3365**.

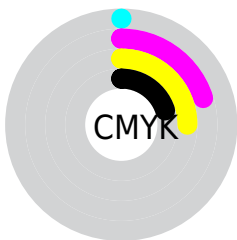
Distribution



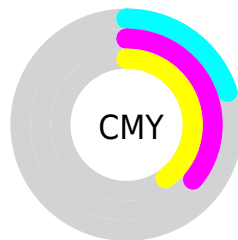
- Red (80%)
- Green (64%)
- Blue (60%)



- Red (80%)
- Yellow (65%)
- Blue (60%)



- Cyan (0%)
- Magenta (20%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3317, 0.3619, 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 41.3317, 0.3619, 0.3419 by changing the saturation by 10% instead.


 41.3317, 0.3619,
0.3419


 41.3317, 0.3619,
0.3419


351.7050, 0.3366,
0.3358

 28.5784, 0.3684,
0.3433


 77.1872, 0.3525,
0.3398

 18.7621, 0.3770,
0.3450


 101.0581, 0.3491,
0.3389

 11.4985, 0.3885,
0.3472


129.4037, 0.3462,
0.3382

 6.4032, 0.4050,
0.3498

162.6083, 0.3437,
0.3376

 3.0918, 0.4305,
0.3530

201.0563, 0.3416,
0.3371

 1.1798, 0.4851,
0.3637

245.1322, 0.3397,

 0.0451, 0.8926,

0.3366

0.1074

295.2203, 0.3381,
0.3362

0.0000, 0.0000,
0.0000

41.3317, 0.3619,
0.3419

41.3317, 0.3619,
0.3419

35.2653, 0.3889,
0.3474

48.2722, 0.3394,
0.3365

30.0327, 0.4209,
0.3526

56.1139, 0.3208,
0.3314

25.5988, 0.4577,
0.3570

64.8896, 0.3054,
0.3267

21.9236, 0.4982,
0.3597

74.6289, 0.2926,
0.3224

18.9637, 0.5397,
0.3598

85.3600, 0.2820,
0.3184

■ 16.6713, 0.5779,
0.3566

■ 91.5781, 0.2827,
0.3289

■ 14.9920, 0.6076,
0.3500

■ 14.3571, 0.6193,
0.3465

Harmonies

Analogous

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



41.3317, 0.3489, 0.3205



41.3317, 0.3619, 0.3419



41.3317, 0.3610, 0.3611

Triad

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



41.3317, 0.3619, 0.3419



41.3317, 0.2982, 0.3588



41.3317, 0.2787, 0.2871

Complementary

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



41.3317, 0.3619, 0.3419



49.7146, 0.2751, 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.



41.3317, 0.2664, 0.2951



41.3317, 0.3619, 0.3419



41.3317, 0.2773, 0.3364

Square

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



41.3317, 0.3619, 0.3419



41.3317, 0.3236, 0.3723



41.3317, 0.2659, 0.3128



41.3317, 0.3003, 0.2897

Rectangle

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



41.3317, 0.3619, 0.3419



41.3317, 0.3527, 0.3700



41.3317, 0.2659, 0.3128



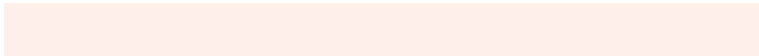
41.3317, 0.2734, 0.2886

Sweetspot

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



41.3336, 0.3619, 0.3419



88.7353, 0.3262, 0.3330



39.5440, 0.3241, 0.2779



18.5638, 0.3290, 0.3337



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.



41.3336, 0.3619, 0.3419



62.8594, 0.3759, 0.3449



51.0413, 0.3546, 0.3724



11.5641, 0.3285, 0.3336



9.1411, 0.6172, 0.3482



0.5797, 0.5799, 0.3777

Inverse Universe

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



49.7146, 0.2751, 0.3157



79.0598, 0.2675, 0.3124



39.5635, 0.2721, 0.2815



12.3385, 0.2983, 0.3243



19.5829, 0.2071, 0.2654



1.1083, 0.2109, 0.2792

Previews

White Background



This preview shows how the Yxy color 41.3317, 0.3619, 0.3419 looks on a white background.

Color Contrast Check

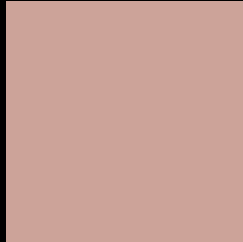
Large Text (above 18pt) WCAG AA × Fail

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 41.3317, 0.3619, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

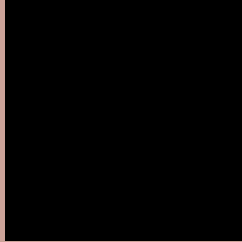
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3317, 0.3619, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 41.3317, 0.3619, 0.3419.



This preview shows how white text looks on a background with the Yxy color 41.3317, 0.3619, 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

41.3317, 0.3619, 0.3419

Protanopia

41.5574, 0.3311, 0.3482

Deuteranopia

41.2752, 0.3541, 0.3474



Tritanopia

41.2420, 0.3463, 0.3141

Trichromacy



Original Color

41.3317, 0.3619, 0.3419

Protanomaly

41.4676, 0.3419, 0.3464

Deuteranomaly

41.3194, 0.3573, 0.3460

Tritanomaly

41.1855, 0.3518, 0.3241

Monochromacy



Original Color

41.3317, 0.3619, 0.3419

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.8169, 0.3300, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3317, 0.3619, 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(204, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 163, 153)  
}
```

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(204, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 163, 153) }
```

Border

The CSS property to change the border of an element to Yxy 41.3317, 0.3619, 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(204, 163, 153) }
```

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

```
.border{ border-color:rgb(204, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 163,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3317, 0.3619, 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(204, 163, 153) }
```

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

```
.background{ background-color: rgb(204,  
163, 153) }
```

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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