

Converting Colors

$Y_{xy}(42.3792, 0.3396, 0.3341)$

Have a look what the booklet for
Yxy(42.3792, 0.3396, 0.3341)
contains.

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Color

Yxy(42.5619, 0.3395, 0.3343)

Conversions

Conversions Part 1

Format	Color
Hex	C2A9A5
RGB	194, 169, 165
RGB Percent	76%, 66%, 65%
CMY	0.2393, 0.3372, 0.3530
CMYK	0.00, 0.13, 0.15, 0.24
HSL	8°, 19%, 70%
HSV	8°, 15%, 76%
XYZ	43.2239, 42.5619, 41.5306
YIQ	176.0190, 16.1840, 4.0560

Conversions

Conversions Part 2

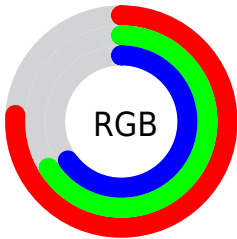
Format	Color
RYB	194, 170, 165
Decimal	12757413
CIELab	71.26, 8.40, 5.40
CIELCh	71, 9.982, 32.741
Yxy	42.5619, 0.3395, 0.3343
Android (android.graphics.Color)	4290947493 (0xFFC2A9A5)
YUV	176.0190, -5.4324, 15.7693
Hunter-Lab	65.2395, 4.0948, 7.9244

Details

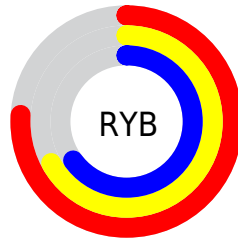
The Yxy color **42.5619, 0.3395, 0.3343** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.7052, 0.2901, 0.3236**, and the grayscale version is **43.4490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9878, 0.3347, 0.3331**, and **19.4903, 0.3477, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **36.0845, 0.3624, 0.3381**, and if you desaturate by 10%, it is **49.9449, 0.3207, 0.3307**.

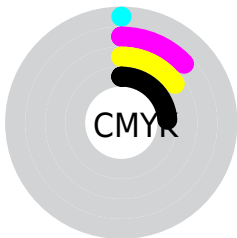
Distribution



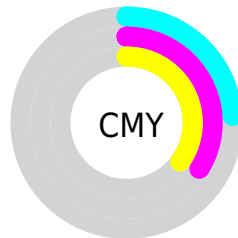
- Red (76%)
- Green (66%)
- Blue (65%)



- Red (76%)
- Yellow (67%)
- Blue (65%)



- Cyan (0%)
- Magenta (13%)
- Yellow (15%)
- Black (24%)





- Cyan (24%)
- Magenta (34%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5619, 0.3395, 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 42.5619, 0.3395, 0.3343 by changing the saturation by 10% instead.


 42.5619, 0.3395,
0.3343

 42.5619, 0.3395,
0.3343


356.8070, 0.3258,
0.3318

 29.5415, 0.3430,
0.3349


 79.0493, 0.3345,
0.3334

 19.4909, 0.3476,
0.3357


 103.2852, 0.3326,
0.3331

 12.0255, 0.3537,
0.3366


132.0283, 0.3310,
0.3328

 6.7610, 0.3626,
0.3379

165.6631, 0.3297,
0.3325

 3.3131, 0.3762,
0.3396

204.5740, 0.3285,
0.3323

 1.2973, 0.3998,
0.3420

249.1453, 0.3275,

 0.1391, 0.7079,

0.3321

0.2921

299.7615, 0.3266,
0.3319

0.0000, 0.0000,
0.0000

42.5619, 0.3395,
0.3343

42.5619, 0.3395,
0.3343

36.0845, 0.3624,
0.3381

49.9449, 0.3207,
0.3307

30.4722, 0.3902,
0.3420

58.2605, 0.3053,
0.3273

25.6901, 0.4235,
0.3457

67.5418, 0.2927,
0.3243

21.6985, 0.4620,
0.3487

77.8184, 0.2823,
0.3215

18.4546, 0.5046,
0.3505

88.6607, 0.2771,
0.3263

■ 15.9115, 0.5481,
0.3502

■ 90.2073, 0.2773,
0.3289

■ 14.0168, 0.5874,
0.3474

■ 12.7105, 0.6167,
0.3422

■ 12.2459, 0.6278,
0.3397

Harmonies

Analogous

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



42.5619, 0.3309, 0.3219



42.5619, 0.3395, 0.3343



42.5619, 0.3407, 0.3457

Triad

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



42.5619, 0.3395, 0.3343



42.5619, 0.3075, 0.3475



42.5619, 0.2914, 0.3054

Complementary

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



42.5619, 0.3395, 0.3343



48.7052, 0.2901, 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.



42.5619, 0.2855, 0.3116



42.5619, 0.3395, 0.3343



42.5619, 0.2946, 0.3360

Square

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



42.5619, 0.3395, 0.3343



42.5619, 0.3220, 0.3538



42.5619, 0.2867, 0.3227



42.5619, 0.3030, 0.3055

Rectangle

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



42.5619, 0.3395, 0.3343



42.5619, 0.3371, 0.3512



42.5619, 0.2867, 0.3227



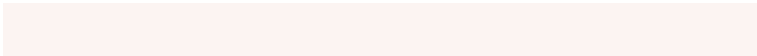
42.5619, 0.2887, 0.3068

Sweetspot

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



42.5638, 0.3395, 0.3343



91.7635, 0.3192, 0.3304



42.0980, 0.3177, 0.2972



19.8552, 0.3205, 0.3306



0.0000, 0.0000, 0.0000



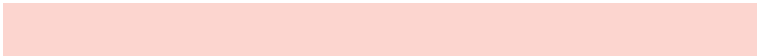
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.5638, 0.3395, 0.3343



73.0281, 0.3467, 0.3356



48.1969, 0.3368, 0.3526



10.2980, 0.3286, 0.3323



8.1248, 0.6262, 0.3410



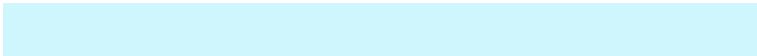
0.4256, 0.5911, 0.3689

Inverse Universe

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



48.7052, 0.2901, 0.3236



86.3276, 0.2852, 0.3223



42.7961, 0.2894, 0.3043



11.1827, 0.2984, 0.3257



20.8483, 0.2125, 0.2850



0.9677, 0.2155, 0.2957

Previews

White Background



This preview shows how the Yxy color 42.5619, 0.3395, 0.3343 looks on a white background.

Color Contrast Check

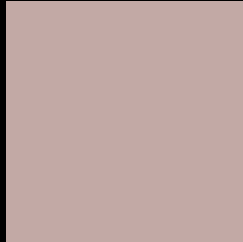
Large Text (above 18pt) WCAG AA × Fail

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 42.5619, 0.3395, 0.3343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

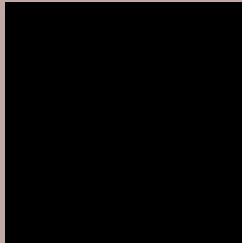
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.5619, 0.3395, 0.3343

Background



This preview shows how black text looks on a background with the Yxy color 42.5619, 0.3395, 0.3343.



This preview shows how white text looks on a background with the Yxy color 42.5619, 0.3395, 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

42.5619, 0.3395, 0.3343

Protanopia

42.6830, 0.3222, 0.3371

Deuteranopia

42.6946, 0.3405, 0.3343



Tritanopia

42.6685, 0.3283, 0.3125

Trichromacy



Original Color

42.5619, 0.3395, 0.3343

Protanomaly

42.4854, 0.3279, 0.3357

Deuteranomaly

42.6946, 0.3405, 0.3343

Tritanomaly

42.7025, 0.3316, 0.3201

Monochromacy



Original Color

42.5619, 0.3395, 0.3343

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9330, 0.3226, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5619, 0.3395, 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(194, 169, 165)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 169, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 169, 165) }
```

Border

The CSS property to change the border of an element to Yxy 42.5619, 0.3395, 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(194, 169, 165) }
```

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

```
.border{ border-color:rgb(194, 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(194, 169, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 169, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 169, 165);  
box-shadow:4px 4px 4px 4px rgb(194, 169,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5619, 0.3395, 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(194, 169, 165) }
```

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

```
.background{ background-color: rgb(194,  
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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