

Converting Colors

$Yxy(43.3568, 0.3578, 0.3493)$

Have a look what the booklet for
Yxy(43.3568, 0.3578, 0.3493)
contains.

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Color

Yxy(43.2324, 0.3582, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	CAA999
RGB	202, 169, 153
RGB Percent	79%, 66%, 60%
CMY	0.2078, 0.3372, 0.4001
CMYK	0.00, 0.16, 0.24, 0.21
HSL	20°, 32%, 70%
HSV	20°, 24%, 79%
XYZ	44.2959, 43.2324, 36.1342
YIQ	177.0430, 24.8040, 2.0200

Conversions

Conversions Part 2

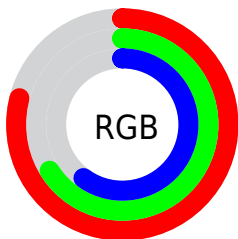
Format	Color
RYB	202, 177, 153
Decimal	13281689
CIELab	71.71, 9.58, 12.76
CIELCh	72, 15.959, 53.091
Yxy	43.2324, 0.3582, 0.3496
Android (android.graphics.Color)	4291471769 (0xFFCAA999)
YUV	177.0430, -11.8532, 21.8873
Hunter-Lab	65.7513, 5.1885, 13.4427

Details

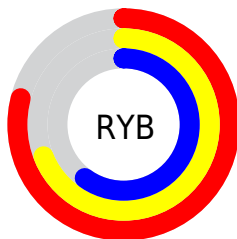
The Yxy color $43.2324, 0.3582, 0.3496$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $46.1460, 0.2755, 0.3074$, and the grayscale version is $44.0446, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0763, 0.3466, 0.3463$, and $19.8849, 0.3714, 0.3552$ is the 20% darker color. If you saturate the color by 10%, you get $37.8231, 0.3827, 0.3586$, and if you desaturate by 10%, it is $49.2849, 0.3372, 0.3408$.

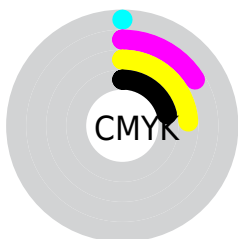
Distribution



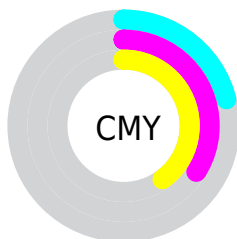
- Red (79%)
- Green (66%)
- Blue (60%)



- Red (79%)
- Yellow (69%)
- Blue (60%)



- Cyan (0%)
- Magenta (16%)
- Yellow (24%)
- Black (21%)





- Cyan (21%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2324, 0.3582, 0.3496 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 43.2324, 0.3582, 0.3496 by changing the saturation by 10% instead.


 43.2324, 0.3582,
0.3496


 43.2324, 0.3582,
0.3496


359.5666, 0.3350,
0.3396

 30.0675, 0.3641,
0.3520


 80.0614, 0.3497,
0.3460

 19.8898, 0.3718,
0.3550


 104.4944, 0.3465,
0.3447

 12.3150, 0.3821,
0.3589


133.4521, 0.3438,
0.3435

 6.9586, 0.3968,
0.3641

167.3190, 0.3415,
0.3425

 3.4362, 0.4190,
0.3712

206.4796, 0.3396,
0.3416

 1.3635, 0.4645,
0.3877

251.3181, 0.3379,

 0.1896, 0.6860,

0.3408

0.3140

302.2190, 0.3363,
0.3402

0.0000, 0.0000,
0.0000

43.2324, 0.3582,
0.3496

43.2324, 0.3582,
0.3496

37.8231, 0.3827,
0.3586

49.2849, 0.3372,
0.3408

33.0293, 0.4111,
0.3673

55.9954, 0.3195,
0.3324

28.8302, 0.4431,
0.3751

63.3853, 0.3044,
0.3246

25.2011, 0.4778,
0.3808

71.4736, 0.2917,
0.3174

22.1156, 0.5136,
0.3833

80.2782, 0.2809,
0.3109

■ 19.5449, 0.5475,
0.3814

■ 88.5189, 0.2813,
0.3243

■ 17.4568, 0.5764,
0.3746

■ 91.2987, 0.2816,
0.3289

■ 16.4587, 0.5905,
0.3694

Harmonies

Analogous

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



43.2324, 0.3523, 0.3306



43.2324, 0.3582, 0.3496



43.2324, 0.3514, 0.3641

Triad

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



43.2324, 0.3582, 0.3496



43.2324, 0.2899, 0.3468



43.2324, 0.2906, 0.2910

Complementary

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



43.2324, 0.3582, 0.3496



46.1460, 0.2755, 0.3074

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.



43.2324, 0.2750, 0.2938



43.2324, 0.3582, 0.3496



43.2324, 0.2746, 0.3253

Square

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



43.2324, 0.3582, 0.3496



43.2324, 0.3116, 0.3634



43.2324, 0.2692, 0.3060



43.2324, 0.3126, 0.2977

Rectangle

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



43.2324, 0.3582, 0.3496



43.2324, 0.3408, 0.3690



43.2324, 0.2692, 0.3060



43.2324, 0.2844, 0.2908

Sweetspot

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



43.2344, 0.3582, 0.3496



91.4751, 0.3242, 0.3347



38.8977, 0.3298, 0.2872



19.4279, 0.3252, 0.3352



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.



43.2344, 0.3582, 0.3496



68.3669, 0.3703, 0.3542



53.0082, 0.3514, 0.3787



11.8026, 0.3282, 0.3366



10.7349, 0.5880, 0.3713



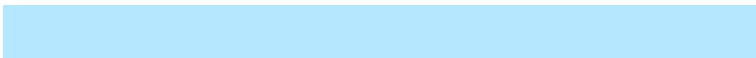
0.6921, 0.5495, 0.4019

Inverse Universe

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



46.1460, 0.2755, 0.3074



74.1058, 0.2677, 0.3022



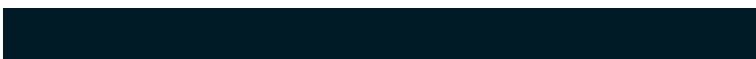
36.8622, 0.2726, 0.2738



12.0849, 0.2983, 0.3212



14.2383, 0.1943, 0.2194



0.8692, 0.2009, 0.2434

Previews

White Background



This preview shows how the Yxy color 43.2324, 0.3582, 0.3496 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 43.2324, 0.3582, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

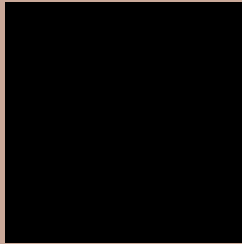
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2324, 0.3582, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 43.2324, 0.3582, 0.3496.



This preview shows how white text looks on a background with the Yxy color 43.2324, 0.3582, 0.3496.

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

43.2324, 0.3582, 0.3496

Protanopia

43.2506, 0.3369, 0.3546

Deuteranopia

43.0933, 0.3572, 0.3496



Tritanopia

43.1038, 0.3388, 0.3129

Trichromacy



Original Color

43.2324, 0.3582, 0.3496

Protanomaly

43.3301, 0.3448, 0.3528

Deuteranomaly

43.0933, 0.3572, 0.3496

Tritanomaly

42.9744, 0.3460, 0.3253

Monochromacy



Original Color

43.2324, 0.3582, 0.3496

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.5384, 0.3286, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2324, 0.3582, 0.3496 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(202, 169, 153)` looks like.

```
.text, #text, p{  
    color:rgb(202, 169, 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(202, 169, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 169, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.2324, 0.3582, 0.3496 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(202, 169, 153) }
```

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

```
.border{ border-color:rgb(202, 169, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 169, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 169, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 169, 153);  
box-shadow:4px 4px 4px 4px rgb(202, 169,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2324, 0.3582, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 169, 153) }
```

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

```
.background{ background-color: rgb(202,  
169, 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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