

Converting Colors

$Yxy(43.3904, 0.3491, 0.3521)$

Have a look what the booklet for
Yxy(43.3904, 0.3491, 0.3521)
contains.

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Color

Yxy(43.4402, 0.3497, 0.3526)

Conversions

Conversions Part 1

Format	Color
Hex	C3AC9A
RGB	195, 172, 154
RGB Percent	76%, 67%, 60%
CMY	0.2354, 0.3254, 0.3962
CMYK	0.00, 0.12, 0.21, 0.24
HSL	26°, 25%, 68%
HSV	26°, 21%, 76%
XYZ	43.0829, 43.4402, 36.6765
YIQ	176.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

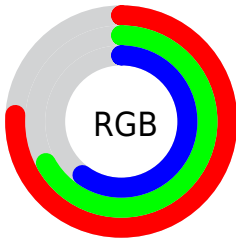
Format	Color
R _Y B	195, 186, 154
Decimal	12823706
CIE Lab	71.85, 5.41, 12.31
CIE LCh	72, 13.448, 66.289
Yxy	43.4402, 0.3497, 0.3526
Android (android.graphics.Color)	4291013786 (0xFFC3AC9A)
YUV	176.8250, -11.2527, 15.9395
Hunter-Lab	65.9092, 1.3392, 13.1433

Details

The Yxy color $43.4402, 0.3497, 0.3526$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $42.2223, 0.2801, 0.3042$, and the grayscale version is $43.9208, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.1877, 0.3432, 0.3484$, and $20.0749, 0.3607, 0.3593$ is the 20% darker color. If you saturate the color by 10%, you get $38.8580, 0.3715, 0.3645$, and if you desaturate by 10%, it is $48.4732, 0.3307, 0.3410$.

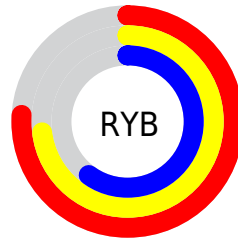
Distribution



Red (76%)

Green (67%)

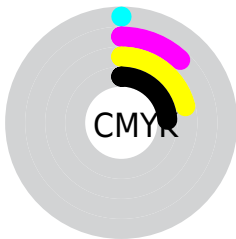
Blue (60%)



Red (76%)

Yellow (73%)

Blue (60%)

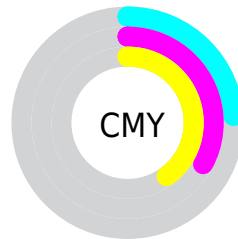


Cyan (0%)

Magenta (12%)

Yellow (21%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4402, 0.3497, 0.3526 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 43.4402, 0.3497, 0.3526 by changing the saturation by 10% instead.


 43.4402, 0.3497,
0.3526


 43.4402, 0.3497,
0.3526


360.4190, 0.3309,
0.3409

 30.2307, 0.3545,
0.3555


 80.3747, 0.3428,
0.3484

 20.0137, 0.3607,
0.3592


 104.8685, 0.3402,
0.3468

 12.4050, 0.3690,
0.3640


133.8924, 0.3381,
0.3454

 7.0201, 0.3808,
0.3707

167.8310, 0.3362,
0.3442

 3.4747, 0.3986,
0.3803

207.0685, 0.3346,
0.3432

 1.3843, 0.4348,
0.4008

251.9894, 0.3332,

 0.2051, 0.6145,

0.3424

0.3855

302.9781, 0.3320,
0.3416

0.0000, 0.0000,
0.0000

43.4402, 0.3497,
0.3526

43.4402, 0.3497,
0.3526

38.8580, 0.3715,
0.3645

48.4732, 0.3307,
0.3410

34.7075, 0.3961,
0.3763

53.9636, 0.3143,
0.3301

30.9766, 0.4234,
0.3873

59.9257, 0.3001,
0.3199

27.6505, 0.4527,
0.3966

66.3709, 0.2878,
0.3104

24.7132, 0.4830,
0.4027

73.3104, 0.2772,
0.3018

■ 22.1475, 0.5123,
0.4046

■ 79.6839, 0.2763,
0.3102

■ 19.9340, 0.5385,
0.4013

■ 86.2169, 0.2772,
0.3219

■ 18.2225, 0.5588,
0.3945

■ 90.3376, 0.2778,
0.3289

Harmonies

Analogous

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



43.4402, 0.3494, 0.3378



43.4402, 0.3497, 0.3526



43.4402, 0.3398, 0.3617

Triad

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



43.4402, 0.3497, 0.3526



43.4402, 0.2869, 0.3362



43.4402, 0.3019, 0.2984

Complementary

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



43.4402, 0.3497, 0.3526



42.2223, 0.2801, 0.3042

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.



43.4402, 0.2858, 0.2972



43.4402, 0.3497, 0.3526



43.4402, 0.2774, 0.3184

Square

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



43.4402, 0.3497, 0.3526



43.4402, 0.3034, 0.3525



43.4402, 0.2770, 0.3042



43.4402, 0.3213, 0.3071

Rectangle

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



43.4402, 0.3497, 0.3526



43.4402, 0.3289, 0.3629



43.4402, 0.2770, 0.3042



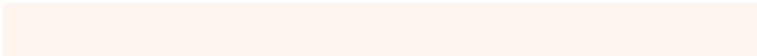
43.4402, 0.2959, 0.2971

Sweetspot

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



43.4422, 0.3497, 0.3526



91.5947, 0.3223, 0.3355



37.8847, 0.3316, 0.2990



19.9152, 0.3234, 0.3363



0.0000, 0.0000, 0.0000



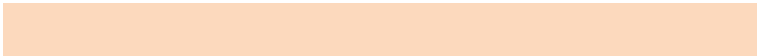
21.4041, 0.3127, 0.3290

Same Dimension

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



43.4422, 0.3497, 0.3526



74.1530, 0.3588, 0.3578



51.7321, 0.3447, 0.3776



10.7910, 0.3278, 0.3392



12.0097, 0.5565, 0.3963



0.6560, 0.5184, 0.4266

Inverse Universe

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



42.2223, 0.2801, 0.3042



71.5928, 0.2731, 0.2983



34.8233, 0.2781, 0.2753



10.6624, 0.2984, 0.3186



9.8640, 0.1833, 0.1798



0.5616, 0.1935, 0.2164

Previews

White Background



This preview shows how the Yxy color 43.4402, 0.3497, 0.3526 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 43.4402, 0.3497, 0.3526 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

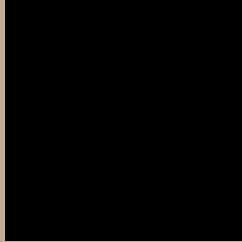
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4402, 0.3497, 0.3526

Background



This preview shows how black text looks on a background with the Yxy color 43.4402, 0.3497, 0.3526.



This preview shows how white text looks on a background with the Yxy color 43.4402, 0.3497, 0.3526.

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

43.4402, 0.3497, 0.3526

Protanopia

43.6413, 0.3367, 0.3559

Deuteranopia

43.5001, 0.3560, 0.3496



Tritanopia

43.3472, 0.3291, 0.3126

Trichromacy



Original Color

43.4402, 0.3497, 0.3526

Protanomaly

43.7179, 0.3415, 0.3556

Deuteranomaly

43.6010, 0.3538, 0.3510

Tritanomaly

43.1865, 0.3369, 0.3265

Monochromacy



Original Color

43.4402, 0.3497, 0.3526

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7149, 0.3258, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4402, 0.3497, 0.3526 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(195, 172, 154)` looks like.

```
.text, #text, p{  
    color:rgb(195, 172, 154)  
}
```

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(195, 172, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 172, 154) }
```

Border

The CSS property to change the border of an element to Yxy 43.4402, 0.3497, 0.3526 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(195, 172, 154) }
```

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

```
.border{ border-color:rgb(195, 172, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 172, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 172, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 172, 154);  
box-shadow:4px 4px 4px 4px rgb(195, 172,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4402, 0.3497, 0.3526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 172, 154) }
```

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

```
.background{ background-color: rgb(195,  
172, 154) }
```

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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