

Converting Colors

$Y_{xy}(43.4729, 0.3498, 0.3734)$

Have a look what the booklet for
Yxy(43.4729, 0.3498, 0.3734)
contains.

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Color

Yxy(43.4729, 0.3498, 0.3734)

Conversions

Conversions Part 1

Format	Color
Hex	BAB08F
RGB	186, 176, 143
RGB Percent	73%, 69%, 56%
CMY	0.2707, 0.3097, 0.4393
CMYK	0.00, 0.05, 0.23, 0.27
HSL	46°, 24%, 65%
HSV	46°, 23%, 73%
XYZ	40.7253, 43.4729, 32.2263
YIQ	175.2280, 16.5530, -8.1430

Conversions

Conversions Part 2

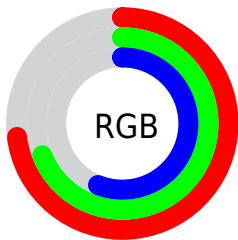
Format	Color
R _Y B	156, 186, 143
Decimal	12234895
CIE Lab	71.87, -1.83, 18.22
CIE LCh	72, 18.315, 95.719
Yxy	43.4729, 0.3498, 0.3734
Android (android.graphics.Color)	4290424975 (0xFFBAB08F)
YUV	175.2280, -15.8884, 9.4470
Hunter-Lab	65.9340, -5.1308, 17.1748

Details

The Yxy color **43.4729, 0.3498, 0.3734** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.1429, 0.2752, 0.2803**, and the grayscale version is **43.0696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6217, 0.3425, 0.3655**, and **20.1112, 0.3592, 0.3863** is the 20% darker color. If you saturate the color by 10%, you get **41.2960, 0.3675, 0.3932**, and if you desaturate by 10%, it is **45.8006, 0.3330, 0.3538**.

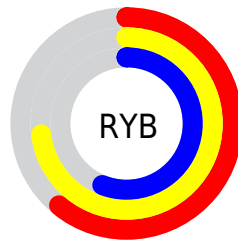
Distribution



Red (73%)

Green (69%)

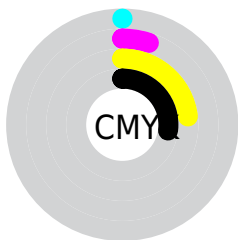
Blue (56%)



Red (61%)

Yellow (73%)

Blue (56%)

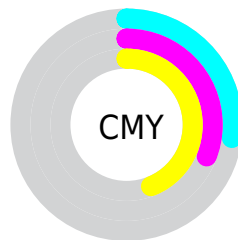


Cyan (0%)

Magenta (5%)

Yellow (23%)

Black (27%)



Cyan (27%)


Magenta (31%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4729, 0.3498, 0.3734 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 43.4729, 0.3498, 0.3734 by changing the saturation by 10% instead.


 43.4729, 0.3498,
0.3734


 43.4729, 0.3498,
0.3734


360.5530, 0.3312,
0.3509

 30.2563, 0.3545,
0.3791


 80.4240, 0.3430,
0.3652

 20.0332, 0.3604,
0.3864


 104.9273, 0.3405,
0.3621

 12.4192, 0.3683,
0.3961


133.9617, 0.3383,
0.3595

 7.0299, 0.3792,
0.4097

167.9115, 0.3365,
0.3573

 3.4808, 0.3949,
0.4298

207.1611, 0.3349,
0.3554

 1.3876, 0.4491,
0.4948

252.0950, 0.3335,

 0.2075, 0.4239,

0.3537

0.5761

303.0975, 0.3322,
0.3522

0.0000, 0.0000,
0.0000

43.4729, 0.3498,
0.3734

43.4729, 0.3498,
0.3734

41.2960, 0.3675,
0.3932

45.8006, 0.3330,
0.3538

39.2591, 0.3857,
0.4124

48.2780, 0.3173,
0.3347

37.3585, 0.4039,
0.4301

50.9117, 0.3029,
0.3167

35.5882, 0.4213,
0.4453

53.7058, 0.2899,
0.2997

33.9417, 0.4371,
0.4571

56.6644, 0.2780,
0.2841

■ 32.4114, 0.4505,
0.4646

■ 59.7914, 0.2674,
0.2696

■ 30.9882, 0.4611,
0.4673

■ 61.8649, 0.2677,
0.2742

■ 30.0580, 0.4672,
0.4673

■ 63.9672, 0.2682,
0.2792

■ 66.1268, 0.2687,
0.2841

Harmonies

Analogous

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



43.4729, 0.3633, 0.3603



43.4729, 0.3498, 0.3734



43.4729, 0.3266, 0.3744

Triad

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



43.4729, 0.3498, 0.3734



43.4729, 0.2651, 0.3146



43.4729, 0.3238, 0.2993

Complementary

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



43.4729, 0.3498, 0.3734



32.1429, 0.2752, 0.2803

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.



43.4729, 0.2973, 0.2878



43.4729, 0.3498, 0.3734



43.4729, 0.2644, 0.2954

Square

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



43.4729, 0.3498, 0.3734



43.4729, 0.2780, 0.3392



43.4729, 0.2759, 0.2861



43.4729, 0.3480, 0.3180

Rectangle

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



43.4729, 0.3498, 0.3734



43.4729, 0.3089, 0.3673



43.4729, 0.2759, 0.2861



43.4729, 0.3148, 0.2945

Sweetspot

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



43.4749, 0.3498, 0.3734



85.7128, 0.3235, 0.3423



32.3764, 0.3487, 0.3153



18.8155, 0.3244, 0.3434



95.5105, 0.3127, 0.3290



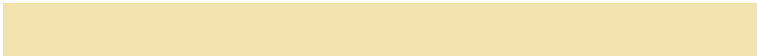
19.5994, 0.3127, 0.3290

Same Dimension

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



43.4749, 0.3498, 0.3734



76.6882, 0.3592, 0.3840



46.1412, 0.3368, 0.3878



10.1414, 0.3269, 0.3465



20.3491, 0.4664, 0.4679



0.8047, 0.4520, 0.4793

Inverse Universe

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



32.1429, 0.2752, 0.2803



52.3502, 0.2656, 0.2671



30.0993, 0.2846, 0.2670



9.0478, 0.2985, 0.3109



3.6466, 0.1576, 0.0871



0.2250, 0.1715, 0.1375

Previews

White Background



This preview shows how the Yxy color 43.4729, 0.3498, 0.3734 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 43.4729, 0.3498, 0.3734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

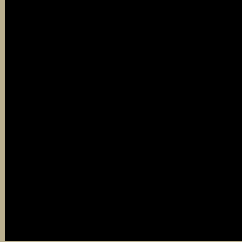
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4729, 0.3498, 0.3734

Background



This preview shows how black text looks on a background with the Yxy color 43.4729, 0.3498, 0.3734.



This preview shows how white text looks on a background with the Yxy color 43.4729, 0.3498, 0.3734.

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

43.4729, 0.3498, 0.3734

Protanopia

43.5986, 0.3508, 0.3732

Deuteranopia

43.2269, 0.3685, 0.3610



Tritanopia

43.2865, 0.3199, 0.3111

Trichromacy



Original Color

43.4729, 0.3498, 0.3734

Protanomaly

43.5986, 0.3508, 0.3732

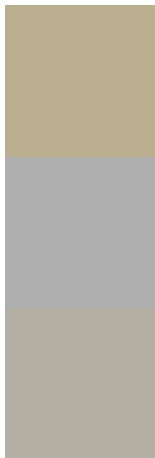
Deuteranomaly

43.3890, 0.3607, 0.3655

Tritanomaly

43.1884, 0.3308, 0.3330

Monochromacy



Original Color

43.4729, 0.3498, 0.3734

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8880, 0.3263, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4729, 0.3498, 0.3734 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(186, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(186, 176, 143)  
}
```

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(186, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 176, 143) }
```

Border

The CSS property to change the border of an element to Yxy 43.4729, 0.3498, 0.3734 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(186, 176, 143) }
```

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

```
.border{ border-color:rgb(186, 176, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 176, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 176, 143);  
box-shadow:4px 4px 4px 4px rgb(186, 176,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4729, 0.3498, 0.3734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 176, 143) }
```

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

```
.background{ background-color: rgb(186,  
176, 143) }
```

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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