

Converting Colors

$Yxy(43.9105, 0.3616, 0.3757)$

Have a look what the booklet for
Yxy(43.9105, 0.3616, 0.3757)
contains.

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Color

Yxy(43.9934, 0.3612, 0.3763)

Conversions

Conversions Part 1

Format	Color
Hex	C2AF8B
RGB	194, 175, 139
RGB Percent	76%, 69%, 55%
CMY	0.2394, 0.3136, 0.4549
CMYK	0.00, 0.10, 0.28, 0.24
HSL	39°, 31%, 65%
HSV	39°, 28%, 76%
XYZ	42.2281, 43.9934, 30.6890
YIQ	176.5770, 22.8800, -7.1680

Conversions

Conversions Part 2

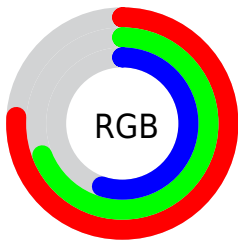
Format	Color
RYB	168, 194, 139
Decimal	12758923
CIELab	72.22, 1.25, 20.98
CIElCh	72, 21.017, 86.591
Yxy	43.9934, 0.3612, 0.3763
Android (android.graphics.Color)	4290949003 (0xFFC2AF8B)
YUV	176.5770, -18.5255, 15.2800
Hunter-Lab	66.3275, -2.4294, 18.9965

Details

The Yxy color **43.9934, 0.3612, 0.3763** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **33.8073, 0.2667, 0.2766**, and the grayscale version is **43.8209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9531, 0.3522, 0.3669**, and **20.4626, 0.3751, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **40.9413, 0.3812, 0.3934**, and if you desaturate by 10%, it is **47.2787, 0.3426, 0.3591**.

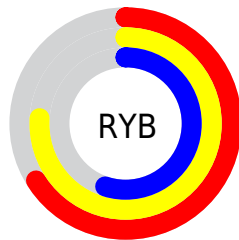
Distribution



Red (76%)

Green (69%)

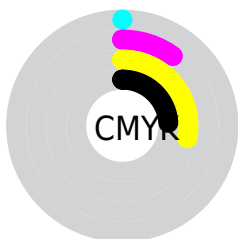
Blue (55%)



Red (66%)

Yellow (76%)

Blue (55%)

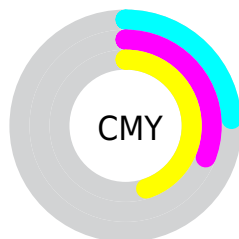


Cyan (0%)

Magenta (10%)

Yellow (28%)

Black (24%)



Cyan (24%)


Magenta (31%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9934, 0.3612, 0.3763 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 43.9934, 0.3612, 0.3763 by changing the saturation by 10% instead.


 43.9934, 0.3612,
0.3763


 43.9934, 0.3612,
0.3763


362.6813, 0.3368,
0.3526

 30.6653, 0.3673,
0.3822


 81.2078, 0.3523,
0.3677

 20.3441, 0.3751,
0.3896


 105.8629, 0.3490,
0.3645

 12.6454, 0.3853,
0.3994


 135.0625, 0.3462,
0.3618

 7.1849, 0.3994,
0.4127

169.1910, 0.3438,
0.3594

 3.5780, 0.4196,
0.4316

208.6327, 0.3417,
0.3574

 1.4404, 0.4938,
0.5038

253.7721, 0.3398,

 0.2462, 0.5179,

0.3556

0.4821

304.9935, 0.3382,
0.3540

0.0000, 0.0000,
0.0000

43.9934, 0.3612,
0.3763

43.9934, 0.3612,
0.3763

40.9413, 0.3812,
0.3934

47.2787, 0.3426,
0.3591

38.1093, 0.4022,
0.4097

50.7979, 0.3256,
0.3424

35.4916, 0.4236,
0.4243

54.5595, 0.3103,
0.3264

33.0799, 0.4444,
0.4359

58.5693, 0.2965,
0.3115

30.8650, 0.4638,
0.4436

62.8334, 0.2843,
0.2976

■ 28.8362, 0.4805,
0.4464

■ 67.3337, 0.2736,
0.2851

■ 26.9781, 0.4943,
0.4444

■ 70.8072, 0.2742,
0.2927

■ 26.6817, 0.4966,
0.4439

■ 74.4213, 0.2749,
0.3001

■ 78.1774, 0.2755,
0.3075

Harmonies

Analogous

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



43.9934, 0.3722, 0.3579



43.9934, 0.3612, 0.3763



43.9934, 0.3372, 0.3825

Triad

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



43.9934, 0.3612, 0.3763



43.9934, 0.2617, 0.3205



43.9934, 0.3159, 0.2903

Complementary

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



43.9934, 0.3612, 0.3763



33.8073, 0.2667, 0.2766

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.



43.9934, 0.2867, 0.2803



43.9934, 0.3612, 0.3763



43.9934, 0.2565, 0.2961

Square

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



43.9934, 0.3612, 0.3763



43.9934, 0.2799, 0.3492



43.9934, 0.2654, 0.2820



43.9934, 0.3454, 0.3094

Rectangle

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



43.9934, 0.3612, 0.3763



43.9934, 0.3175, 0.3777



43.9934, 0.2654, 0.2820



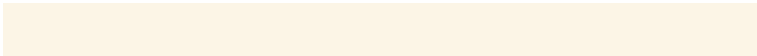
43.9934, 0.3057, 0.2858

Sweetspot

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



43.9954, 0.3612, 0.3763



91.5560, 0.3269, 0.3437



32.4024, 0.3527, 0.3034



19.8377, 0.3294, 0.3461



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.



43.9954, 0.3612, 0.3763



76.2724, 0.3735, 0.3870



50.8269, 0.3478, 0.4007



11.1553, 0.3273, 0.3441



17.7102, 0.4953, 0.4450



0.8895, 0.4743, 0.4616

Inverse Universe

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



33.8073, 0.2667, 0.2766



54.7902, 0.2558, 0.2630



28.5811, 0.2711, 0.2496



10.3025, 0.2984, 0.3135



5.3242, 0.1646, 0.1126



0.3597, 0.1776, 0.1592

Previews

White Background



This preview shows how the Yxy color 43.9934, 0.3612, 0.3763 looks on a white background.

Color Contrast Check

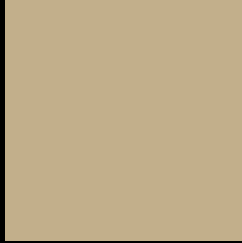
Large Text (above 18pt) WCAG AA × Fail

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 43.9934, 0.3612, 0.3763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

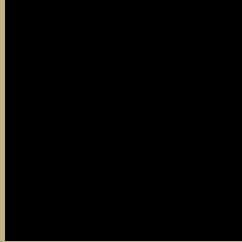
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

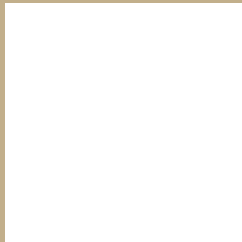
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.9934, 0.3612, 0.3763

Background



This preview shows how black text looks on a background with the Yxy color 43.9934, 0.3612, 0.3763.



This preview shows how white text looks on a background with the Yxy color 43.9934, 0.3612, 0.3763.

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

43.9934, 0.3612, 0.3763

Protanopia

44.0291, 0.3540, 0.3784

Deuteranopia

43.9083, 0.3747, 0.3669



Tritanopia

43.8954, 0.3290, 0.3127

Trichromacy



Original Color

43.9934, 0.3612, 0.3763

Protanomaly

43.8913, 0.3562, 0.3768

Deuteranomaly

43.9551, 0.3691, 0.3700

Tritanomaly

43.7493, 0.3410, 0.3355

Monochromacy



Original Color

43.9934, 0.3612, 0.3763

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7623, 0.3298, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9934, 0.3612, 0.3763 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, 175, 139)` looks like.

```
.text, #text, p{  
    color:rgb(194, 175, 139)  
}
```

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, 175, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 175, 139) }
```

Border

The CSS property to change the border of an element to Yxy 43.9934, 0.3612, 0.3763 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, 175, 139) }
```

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

```
.border{ border-color:rgb(194, 175, 139) }
```

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

Here you see how a box with a 4 pixel rgb(194, 175, 139) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 175, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 175, 139);  
box-shadow:4px 4px 4px 4px rgb(194, 175,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9934, 0.3612, 0.3763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 175, 139) }
```

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

```
.background{ background-color: rgb(194,  
175, 139) }
```

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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