

Converting Colors

Yxy(43.6664, 0.3667, 0.3720)

Have a look what the booklet for
Yxy(43.6664, 0.3667, 0.3720)
contains.

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Color

Yxy(43.5112, 0.3671, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC8B
RGB	199, 172, 139
RGB Percent	78%, 67%, 55%
CMY	0.2197, 0.3254, 0.4549
CMYK	0.00, 0.14, 0.30, 0.22
HSL	33°, 35%, 66%
HSV	33°, 30%, 78%
XYZ	42.9612, 43.5112, 30.5561
YIQ	176.3110, 26.6850, -4.5390

Conversions

Conversions Part 2

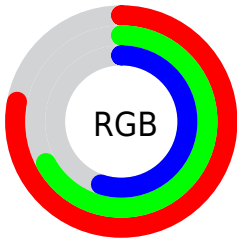
Format	Color
R _Y B	188, 199, 139
Decimal	13085835
CIE Lab	71.90, 4.84, 20.61
CIE LCh	72, 21.172, 76.786
Yxy	43.5112, 0.3671, 0.3718
Android (android.graphics.Color)	4291275915 (0xFFC7AC8B)
YUV	176.3110, -18.3943, 19.8983
Hunter-Lab	65.9630, 0.8203, 18.7091

Details

The Yxy color **43.5112, 0.3671, 0.3718** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.8675, 0.2645, 0.2819**, and the grayscale version is **43.6739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.0484, 0.3558, 0.3636**, and **20.0835, 0.3823, 0.3834** is the 20% darker color. If you saturate the color by 10%, you get **39.6922, 0.3893, 0.3864**, and if you desaturate by 10%, it is **47.6692, 0.3469, 0.3571**.

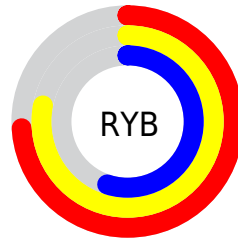
Distribution



Red (78%)

Green (67%)

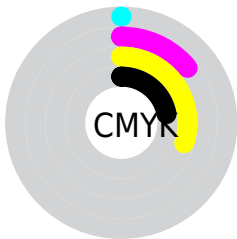
Blue (55%)



Red (74%)

Yellow (78%)

Blue (55%)

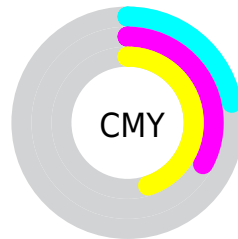


Cyan (0%)

Magenta (14%)

Yellow (30%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5112, 0.3671, 0.3718 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 43.5112, 0.3671, 0.3718 by changing the saturation by 10% instead.


 43.5112, 0.3671,
0.3718


 43.5112, 0.3671,
0.3718


360.7099, 0.3396,
0.3506

 30.2864, 0.3740,
0.3770


 80.4817, 0.3570,
0.3642

 20.0561, 0.3829,
0.3835


 104.9962, 0.3533,
0.3613

 12.4358, 0.3947,
0.3920


 134.0428, 0.3501,
0.3588

 7.0412, 0.4110,
0.4034

168.0058, 0.3474,
0.3567

 3.4879, 0.4347,
0.4190

207.2696, 0.3450,
0.3549

 1.3914, 0.5169,
0.4831

252.2186, 0.3430,

 0.2104, 0.6019,

0.3533

0.3981

303.2372, 0.3412,
0.3519

0.0000, 0.0000,
0.0000

43.5112, 0.3671,
0.3718

43.5112, 0.3671,
0.3718

39.6922, 0.3893,
0.3864

47.6692, 0.3469,
0.3571

36.1961, 0.4133,
0.4002

52.1699, 0.3289,
0.3428

33.0139, 0.4384,
0.4121

57.0246, 0.3129,
0.3292

30.1338, 0.4636,
0.4210

62.2419, 0.2989,
0.3165

27.5430, 0.4876,
0.4256

67.8303, 0.2866,
0.3047

■ 25.2269, 0.5088,
0.4251

■ 73.5784, 0.2776,
0.2973

■ 23.1909, 0.5266,
0.4201

■ 78.5614, 0.2784,
0.3071

■ 83.8019, 0.2791,
0.3168

■ 89.3034, 0.2798,
0.3263

Harmonies

Analogous

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



43.5112, 0.3729, 0.3505



43.5112, 0.3671, 0.3718



43.5112, 0.3464, 0.3827

Triad

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



43.5112, 0.3671, 0.3718



43.5112, 0.2658, 0.3298



43.5112, 0.3058, 0.2854

Complementary

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



43.5112, 0.3671, 0.3718



36.8675, 0.2645, 0.2819

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.



43.5112, 0.2782, 0.2790



43.5112, 0.3671, 0.3718



43.5112, 0.2561, 0.3029

Square

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



43.5112, 0.3671, 0.3718



43.5112, 0.2879, 0.3582



43.5112, 0.2605, 0.2848



43.5112, 0.3365, 0.3021

Rectangle

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



43.5112, 0.3671, 0.3718



43.5112, 0.3274, 0.3815



43.5112, 0.2605, 0.2848



43.5112, 0.2959, 0.2820

Sweetspot

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



43.5132, 0.3671, 0.3718



92.2025, 0.3272, 0.3414



33.3545, 0.3496, 0.2940



19.4758, 0.3297, 0.3434



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.



43.5132, 0.3671, 0.3718



71.8701, 0.3811, 0.3812



54.4343, 0.3552, 0.4042



11.5886, 0.3276, 0.3417



15.0927, 0.5247, 0.4215



0.8578, 0.4970, 0.4436

Inverse Universe

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



36.8675, 0.2645, 0.2819



58.4352, 0.2538, 0.2701



28.3350, 0.2625, 0.2424



11.0594, 0.2983, 0.3159



7.4643, 0.1731, 0.1430



0.4976, 0.1843, 0.1834

Previews

White Background



This preview shows how the Yxy color 43.5112, 0.3671, 0.3718 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 43.5112, 0.3671, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

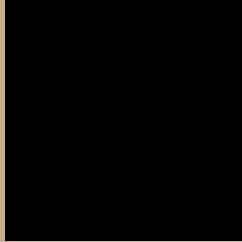
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5112, 0.3671, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 43.5112, 0.3671, 0.3718.



This preview shows how white text looks on a background with the Yxy color 43.5112, 0.3671, 0.3718.

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

43.5112, 0.3671, 0.3718

Protanopia

43.5386, 0.3525, 0.3759

Deuteranopia

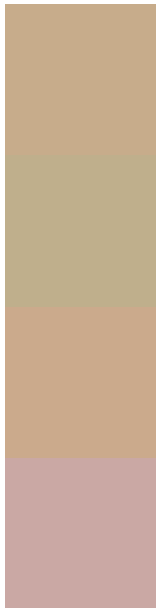
43.3912, 0.3741, 0.3658



Tritanopia

43.3645, 0.3368, 0.3129

Trichromacy



Original Color

43.5112, 0.3671, 0.3718

Protanomaly

43.6298, 0.3575, 0.3754

Deuteranomaly

43.3394, 0.3708, 0.3674

Tritanomaly

43.2422, 0.3482, 0.3342

Monochromacy



Original Color

43.5112, 0.3671, 0.3718

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4946, 0.3309, 0.3451

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5112, 0.3671, 0.3718 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(199, 172, 139)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 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(199, 172, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 139) }
```

Border

The CSS property to change the border of an element to Yxy 43.5112, 0.3671, 0.3718 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(199, 172, 139) }
```

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

```
.border{ border-color:rgb(199, 172, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 139);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5112, 0.3671, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 139) }
```

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

```
.background{ background-color: rgb(199,  
172, 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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