

Converting Colors

$Yxy(44.8729, 0.3629, 0.3640)$

Have a look what the booklet for
Yxy(44.8729, 0.3629, 0.3640)
contains.

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Color

Yxy(44.9040, 0.3630, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	CAAE92
RGB	202, 174, 146
RGB Percent	79%, 68%, 57%
CMY	0.2078, 0.3176, 0.4275
CMYK	0.00, 0.14, 0.28, 0.21
HSL	30°, 35%, 68%
HSV	30°, 28%, 79%
XYZ	44.6824, 44.9040, 33.5057
YIQ	179.1800, 25.6760, -2.7720

Conversions

Conversions Part 2

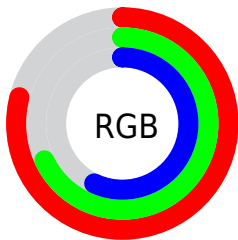
Format	Color
R _Y B	202, 202, 146
Decimal	13282962
CIE Lab	72.83, 5.90, 18.13
CIE LCh	73, 19.062, 71.980
Yxy	44.9040, 0.3630, 0.3648
Android (android.graphics.Color)	4291473042 (0xFFCAA92)
YUV	179.1800, -16.3577, 20.0131
Hunter-Lab	67.0104, 1.7552, 17.2619

Details

The Yxy color **44.9040, 0.3630, 0.3648** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **40.6483, 0.2689, 0.2903**, and the grayscale version is **45.2602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4688, 0.3505, 0.3584**, and **20.9483, 0.3776, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **40.5749, 0.3857, 0.3783**, and if you desaturate by 10%, it is **49.6418, 0.3428, 0.3514**.

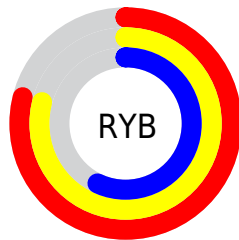
Distribution



Red (79%)

Green (68%)

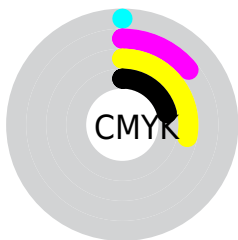
Blue (57%)



Red (79%)

Yellow (79%)

Blue (57%)

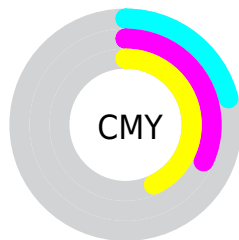


Cyan (0%)

Magenta (14%)

Yellow (28%)

Black (21%)



Cyan (21%)


Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9040, 0.3630, 0.3648 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 44.9040, 0.3630, 0.3648 by changing the saturation by 10% instead.


 44.9040, 0.3630,
0.3648

 44.9040, 0.3630,
0.3648

366.3846, 0.3376,
0.3472

 31.3818, 0.3694,
0.3691

 82.5763, 0.3537,
0.3585

 20.8898, 0.3776,
0.3745


 107.4953, 0.3503,
0.3561

 13.0434, 0.3885,
0.3815


136.9819, 0.3473,
0.3540

 7.4585, 0.4036,
0.3908

171.4207, 0.3448,
0.3523

 3.7504, 0.4258,
0.4038

211.1959, 0.3427,
0.3508

 1.5350, 0.4803,
0.4397

256.6921, 0.3408,

 0.3131, 0.5851,

0.3494

0.4149

308.2935, 0.3391,
0.3482

0.0000, 0.0000,
0.0000

44.9040, 0.3630,
0.3648

44.9040, 0.3630,
0.3648

40.5749, 0.3857,
0.3783

49.6418, 0.3428,
0.3514

36.6360, 0.4106,
0.3911

54.7937, 0.3249,
0.3385

33.0764, 0.4373,
0.4025

60.3729, 0.3094,
0.3263

29.8821, 0.4648,
0.4111

66.3900, 0.2958,
0.3150

27.0379, 0.4917,
0.4158

72.8551, 0.2839,
0.3045

■ 24.5271, 0.5163,
0.4154

■ 78.9671, 0.2801,
0.3072

■ 22.3284, 0.5370,
0.4098

■ 84.9027, 0.2809,
0.3181

■ 21.8658, 0.5416,
0.4082

■ 91.1718, 0.2816,
0.3287

■ 91.2973, 0.2816,
0.3289

Harmonies

Analogous

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



44.9040, 0.3656, 0.3450



44.9040, 0.3630, 0.3648



44.9040, 0.3465, 0.3761

Triad

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



44.9040, 0.3630, 0.3648



44.9040, 0.2733, 0.3340



44.9040, 0.3023, 0.2883

Complementary

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



44.9040, 0.3630, 0.3648



40.6483, 0.2689, 0.2903

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.



44.9040, 0.2787, 0.2843



44.9040, 0.3630, 0.3648



44.9040, 0.2626, 0.3093

Square

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



44.9040, 0.3630, 0.3648



44.9040, 0.2946, 0.3585



44.9040, 0.2645, 0.2915



44.9040, 0.3298, 0.3020

Rectangle

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



44.9040, 0.3630, 0.3648



44.9040, 0.3302, 0.3765



44.9040, 0.2645, 0.2915



44.9040, 0.2937, 0.2858

Sweetspot

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



44.9061, 0.3630, 0.3648



92.4191, 0.3256, 0.3390



36.1711, 0.3430, 0.2935



19.4878, 0.3282, 0.3409



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.



44.9061, 0.3630, 0.3648



71.7460, 0.3757, 0.3725



56.8763, 0.3542, 0.3976



12.1249, 0.3278, 0.3406



14.2478, 0.5395, 0.4098



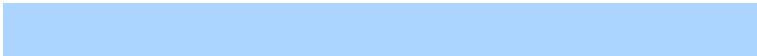
0.8868, 0.5099, 0.4333

Inverse Universe

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



40.6483, 0.2689, 0.2903



63.4112, 0.2595, 0.2809



30.9331, 0.2648, 0.2498



11.7552, 0.2983, 0.3171



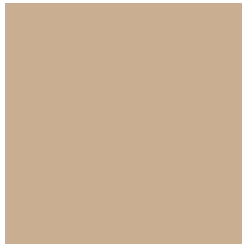
8.9110, 0.1775, 0.1591



0.6115, 0.1874, 0.1946

Previews

White Background



This preview shows how the Yxy color 44.9040, 0.3630, 0.3648 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 44.9040, 0.3630, 0.3648 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 44.9040, 0.3630, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 44.9040, 0.3630, 0.3648.



This preview shows how white text looks on a background with the Yxy color 44.9040, 0.3630, 0.3648.

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

44.9040, 0.3630, 0.3648

Protanopia

44.7977, 0.3478, 0.3687

Deuteranopia

44.8458, 0.3684, 0.3618



Tritanopia

44.8751, 0.3355, 0.3131

Trichromacy



Original Color

44.9040, 0.3630, 0.3648

Protanomaly

45.0202, 0.3536, 0.3682

Deuteranomaly

44.9416, 0.3662, 0.3632

Tritanomaly

44.9695, 0.3458, 0.3316

Monochromacy



Original Color

44.9040, 0.3630, 0.3648

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.7991, 0.3299, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9040, 0.3630, 0.3648 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, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 174, 146)  
}
```

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, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 174, 146) }
```

Border

The CSS property to change the border of an element to Yxy 44.9040, 0.3630, 0.3648 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, 174, 146) }
```

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

```
.border{ border-color:rgb(202, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 174,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9040, 0.3630, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 174, 146) }
```

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

```
.background{ background-color: rgb(202,  
174, 146) }
```

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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