

Converting Colors

$Y_{xy}(49.6720, 0.3425, 0.3592)$

Have a look what the booklet for
Yxy(49.6720, 0.3425, 0.3592)
contains.

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Color

Yxy(49.7322, 0.3423, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	C6BAA2
RGB	198, 186, 162
RGB Percent	78%, 73%, 64%
CMY	0.2236, 0.2706, 0.3648
CMYK	0.00, 0.06, 0.18, 0.22
HSL	40°, 24%, 71%
HSV	40°, 18%, 78%
XYZ	47.3660, 49.7322, 41.2774
YIQ	186.8520, 14.8560, -4.9200

Conversions

Conversions Part 2

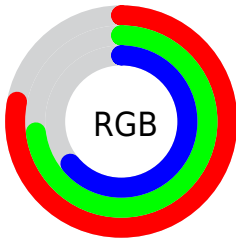
Format	Color
RYB	180, 198, 162
Decimal	13023906
CIELab	75.90, 0.27, 13.71
CIELCh	76, 13.710, 88.868
Yxy	49.7322, 0.3423, 0.3594
Android (android.graphics.Color)	4291213986 (0xFFC6BAA2)
YUV	186.8520, -12.2520, 9.7768
Hunter-Lab	70.5211, -3.5210, 14.6611

Details

The Yxy color **49.7322, 0.3423, 0.3594** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0153, 0.2839, 0.2966**, and the grayscale version is **49.6702, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7740, 0.3370, 0.3538**, and **23.8301, 0.3510, 0.3684** is the 20% darker color. If you saturate the color by 10%, you get **46.3725, 0.3608, 0.3769**, and if you desaturate by 10%, it is **53.3352, 0.3254, 0.3424**.

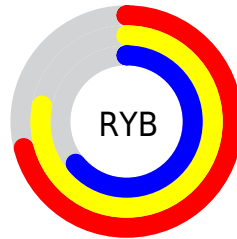
Distribution



Red (78%)

Green (73%)

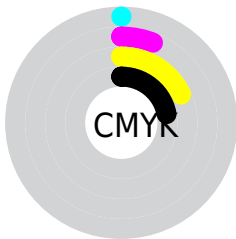
Blue (64%)



Red (71%)

Yellow (78%)

Blue (64%)

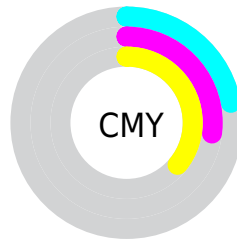


Cyan (0%)

Magenta (6%)

Yellow (18%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.7322, 0.3423, 0.3594 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 49.7322, 0.3423, 0.3594 by changing the saturation by 10% instead.


 49.7322, 0.3423,
0.3594


 49.7322, 0.3423,
0.3594


385.6178, 0.3277,
0.3444

 35.2007, 0.3459,
0.3631


 89.7780, 0.3370,
0.3540

 23.8175, 0.3505,
0.3678

 116.0610, 0.3350,
0.3519

 15.1983, 0.3565,
0.3739


147.0299, 0.3333,
0.3502

 8.9587, 0.3648,
0.3824

183.0692, 0.3319,
0.3487

 4.7142, 0.3768,
0.3946

224.5633, 0.3306,
0.3474

 2.0806, 0.3956,
0.4137

271.8964, 0.3295,

 0.6537, 0.4899,

0.3463

0.5101

325.4531, 0.3285,
0.3453

0.0000, 0.0000,
0.0000

49.7322, 0.3423,
0.3594

49.7322, 0.3423,
0.3594

46.3725, 0.3608,
0.3769

53.3352, 0.3254,
0.3424

43.2426, 0.3806,
0.3943

57.1813, 0.3101,
0.3261

40.3373, 0.4013,
0.4109

61.2790, 0.2963,
0.3109

37.6488, 0.4223,
0.4257

65.6341, 0.2840,
0.2967

35.1685, 0.4428,
0.4376

69.8612, 0.2765,
0.2898

■ 32.8869, 0.4616,
0.4455

■ 73.3660, 0.2770,
0.2971

■ 30.7930, 0.4779,
0.4486

■ 77.0084, 0.2776,
0.3044

■ 28.8712, 0.4912,
0.4469

■ 80.7899, 0.2781,
0.3116

■ 28.5369, 0.4935,
0.4463

■ 84.7119, 0.2787,
0.3187

Harmonies

Analogous

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



49.7322, 0.3497, 0.3488



49.7322, 0.3423, 0.3594



49.7322, 0.3270, 0.3619

Triad

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



49.7322, 0.3423, 0.3594



49.7322, 0.2798, 0.3228



49.7322, 0.3164, 0.3050

Complementary

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



49.7322, 0.3423, 0.3594



42.0153, 0.2839, 0.2966

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.



49.7322, 0.2978, 0.2981



49.7322, 0.3423, 0.3594



49.7322, 0.2771, 0.3077

Square

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



49.7322, 0.3423, 0.3594



49.7322, 0.2910, 0.3403



49.7322, 0.2836, 0.2989



49.7322, 0.3345, 0.3178

Rectangle

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



49.7322, 0.3423, 0.3594



49.7322, 0.3146, 0.3582



49.7322, 0.2836, 0.2989



49.7322, 0.3100, 0.3019

Sweetspot

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



49.7344, 0.3423, 0.3594



96.5288, 0.3204, 0.3372



40.8952, 0.3363, 0.3137



20.5587, 0.3216, 0.3384



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.



49.7344, 0.3423, 0.3594



85.5618, 0.3498, 0.3666



54.1969, 0.3348, 0.3745



11.7993, 0.3273, 0.3444



18.7228, 0.4923, 0.4473



1.0156, 0.4734, 0.4623

Inverse Universe

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



42.0153, 0.2839, 0.2966



69.2669, 0.2769, 0.2883



38.2353, 0.2882, 0.2807



10.8545, 0.2983, 0.3131



5.3182, 0.1637, 0.1094



0.3856, 0.1758, 0.1527

Previews

White Background



This preview shows how the Yxy color 49.7322, 0.3423, 0.3594 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 49.7322, 0.3423, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

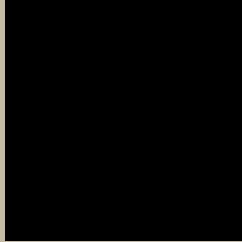
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.7322, 0.3423, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 49.7322, 0.3423, 0.3594.



This preview shows how white text looks on a background with the Yxy color 49.7322, 0.3423, 0.3594.

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

49.7322, 0.3423, 0.3594

Protanopia

49.8850, 0.3403, 0.3608

Deuteranopia

49.5830, 0.3573, 0.3497



Tritanopia

49.5444, 0.3195, 0.3120

Trichromacy



Original Color

49.7322, 0.3423, 0.3594

Protanomaly

50.0196, 0.3412, 0.3607

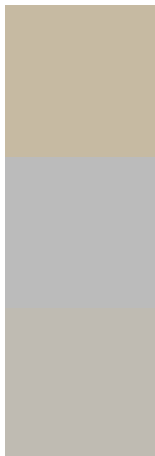
Deuteranomaly

49.5101, 0.3513, 0.3525

Tritanomaly

49.7034, 0.3282, 0.3290

Monochromacy



Original Color

49.7322, 0.3423, 0.3594

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.8314, 0.3231, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7322, 0.3423, 0.3594 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(198, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 162)  
}
```

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(198, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 162) }
```

Border

The CSS property to change the border of an element to Yxy 49.7322, 0.3423, 0.3594 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(198, 186, 162) }
```

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

```
.border{ border-color:rgb(198, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7322, 0.3423, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 162) }
```

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

```
.background{ background-color: rgb(198,  
186, 162) }
```

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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