

Converting Colors

$Yxy(49.7915, 0.3422, 0.3695)$

Have a look what the booklet for
Yxy(49.7915, 0.3422, 0.3695)
contains.

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Color

Yxy(49.7042, 0.3423, 0.3701)

Conversions

Conversions Part 1

Format	Color
Hex	C1BC9C
RGB	193, 188, 156
RGB Percent	76%, 74%, 61%
CMY	0.2433, 0.2627, 0.3882
CMYK	0.00, 0.03, 0.19, 0.24
HSL	52°, 23%, 68%
HSV	52°, 19%, 76%
XYZ	45.9707, 49.7042, 38.6245
YIQ	185.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

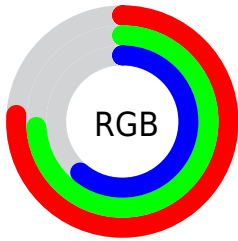
Format	Color
RYB	162, 193, 156
Decimal	12696732
CIELab	75.89, -3.59, 16.85
CIELCh	76, 17.225, 102.016
Yxy	49.7042, 0.3423, 0.3701
Android (android.graphics.Color)	4290886812 (0xFFC1BC9C)
YUV	185.8470, -14.7146, 6.2732
Hunter-Lab	70.5012, -6.9853, 16.8685

Details

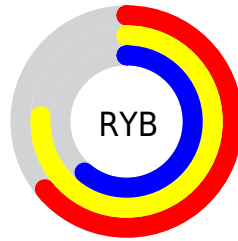
The Yxy color **49.7042, 0.3423, 0.3701** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.3929, 0.2818, 0.2843**, and the grayscale version is **49.0902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7285, 0.3371, 0.3621**, and **23.8368, 0.3497, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **48.0081, 0.3587, 0.3921**, and if you desaturate by 10%, it is **51.5284, 0.3265, 0.3483**.

Distribution



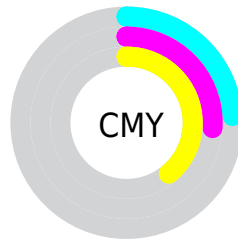
- Red (76%)
- Green (74%)
- Blue (61%)



- Red (64%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (3%)
- Yellow (19%)
- Black (24%)




- Cyan (24%)
- Magenta (26%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7042, 0.3423, 0.3701 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 49.7042, 0.3423, 0.3701 by changing the saturation by 10% instead.

 49.7042, 0.3423,
0.3701


 49.7042, 0.3423,
0.3701


385.5081, 0.3278,
0.3496

 35.1784, 0.3458,
0.3752


 89.7365, 0.3371,
0.3627

 23.8003, 0.3503,
0.3816

 116.0117, 0.3351,
0.3599

 15.1856, 0.3561,
0.3902

146.9723, 0.3334,
0.3575

 8.9497, 0.3640,
0.4020

183.0025, 0.3320,
0.3555

 4.7084, 0.3751,
0.4192

224.4868, 0.3307,
0.3538

 2.0772, 0.3932,
0.4479

271.8095, 0.3296,

 0.6518, 0.4494,

0.3522

0.5506

325.3552, 0.3287,
0.3508

0.0000, 0.0000,
0.0000

49.7042, 0.3423,
0.3701

49.7042, 0.3423,
0.3701

48.0081, 0.3587,
0.3921

51.5284, 0.3265,
0.3483

46.4285, 0.3752,
0.4136

53.4787, 0.3115,
0.3273

44.9622, 0.3914,
0.4338

55.5618, 0.2976,
0.3073

43.6033, 0.4064,
0.4516

57.7817, 0.2848,
0.2887

42.3453, 0.4197,
0.4661

60.1426, 0.2731,
0.2714

■ 41.1807, 0.4307,
0.4766

■ 61.5193, 0.2719,
0.2719

■ 40.1010, 0.4389,
0.4826

■ 62.7557, 0.2721,
0.2748

■ 39.0910, 0.4447,
0.4846

■ 64.0126, 0.2724,
0.2778

■ 39.0073, 0.4452,
0.4847

■ 65.2902, 0.2726,
0.2807

Harmonies

Analogous

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



49.7042, 0.3566, 0.3605



49.7042, 0.3423, 0.3701



49.7042, 0.3203, 0.3682

Triad

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



49.7042, 0.3423, 0.3701



49.7042, 0.2687, 0.3120



49.7042, 0.3277, 0.3053

Complementary

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



49.7042, 0.3423, 0.3701



36.3929, 0.2818, 0.2843

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.



49.7042, 0.3037, 0.2932



49.7042, 0.3423, 0.3701



49.7042, 0.2704, 0.2963

Square

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



49.7042, 0.3423, 0.3701



49.7042, 0.2782, 0.3335



49.7042, 0.2830, 0.2898



49.7042, 0.3481, 0.3233

Rectangle

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



49.7042, 0.3423, 0.3701



49.7042, 0.3045, 0.3603



49.7042, 0.2830, 0.2898



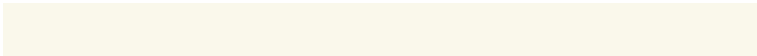
49.7042, 0.3197, 0.3004

Sweetspot

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



49.7064, 0.3423, 0.3701



93.3653, 0.3218, 0.3418



37.7044, 0.3444, 0.3218



19.9815, 0.3228, 0.3432



97.7402, 0.3127, 0.3290



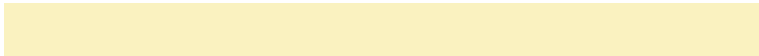
20.4902, 0.3127, 0.3290

Same Dimension

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



49.7064, 0.3423, 0.3701



87.7500, 0.3491, 0.3794



50.2342, 0.3301, 0.3778



11.5206, 0.3268, 0.3488



26.0385, 0.4448, 0.4850



1.1902, 0.4383, 0.4902

Inverse Universe

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



36.3929, 0.2818, 0.2843



59.5258, 0.2742, 0.2731



36.0558, 0.2928, 0.2788



9.9609, 0.2983, 0.3084



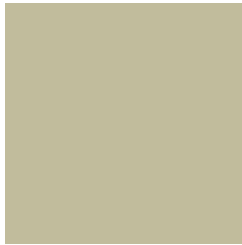
3.1172, 0.1532, 0.0715



0.2071, 0.1620, 0.1033

Previews

White Background



This preview shows how the Yxy color 49.7042, 0.3423, 0.3701 looks on a white background.

Color Contrast Check

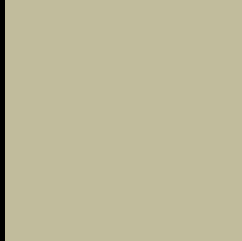
Large Text (above 18pt) WCAG AA × Fail

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 49.7042, 0.3423, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

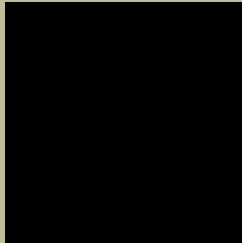
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

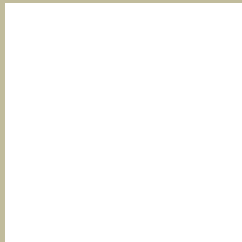
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7042, 0.3423, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 49.7042, 0.3423, 0.3701.



This preview shows how white text looks on a background with the Yxy color 49.7042, 0.3423, 0.3701.

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

49.7042, 0.3423, 0.3701

Protanopia

49.7775, 0.3469, 0.3697

Deuteranopia

49.5582, 0.3626, 0.3557



Tritanopia

49.4929, 0.3144, 0.3106

Trichromacy



Original Color

49.7042, 0.3423, 0.3701

Protanomaly

49.6430, 0.3460, 0.3698

Deuteranomaly

49.5667, 0.3553, 0.3612

Tritanomaly

49.3941, 0.3245, 0.3315

Monochromacy



Original Color

49.7042, 0.3423, 0.3701

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.4546, 0.3238, 0.3444

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7042, 0.3423, 0.3701 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(193, 188, 156)` looks like.

```
.text, #text, p{  
    color:rgb(193, 188, 156)  
}
```

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(193, 188, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 188, 156) }
```

Border

The CSS property to change the border of an element to Yxy 49.7042, 0.3423, 0.3701 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(193, 188, 156) }
```

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

```
.border{ border-color:rgb(193, 188, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 188, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 188, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 188, 156);  
box-shadow:4px 4px 4px 4px rgb(193, 188,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7042, 0.3423, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 188, 156) }
```

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

```
.background{ background-color: rgb(193,  
188, 156) }
```

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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