

Converting Colors

$Yxy(49.5247, 0.3419, 0.3614)$

Have a look what the booklet for
Yxy(49.5247, 0.3419, 0.3614)
contains.

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Color

Yxy(49.4268, 0.3413, 0.3608)

Conversions

Conversions Part 1

Format	Color
Hex	C4BAA1
RGB	196, 186, 161
RGB Percent	77%, 73%, 63%
CMY	0.2314, 0.2706, 0.3685
CMYK	0.00, 0.05, 0.18, 0.23
HSL	43°, 23%, 70%
HSV	43°, 18%, 77%
XYZ	46.7555, 49.4268, 40.8100
YIQ	186.1400, 13.9850, -5.6550

Conversions

Conversions Part 2

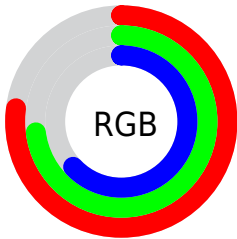
Format	Color
RYB	175, 196, 161
Decimal	12892833
CIELab	75.72, -0.63, 13.93
CIElCh	76, 13.945, 92.578
Yxy	49.4268, 0.3413, 0.3608
Android (android.graphics.Color)	4291082913 (0xFFC4BAA1)
YUV	186.1400, -12.3940, 8.6472
Hunter-Lab	70.3042, -4.3218, 14.7964

Details

The Yxy color **49.4268, 0.3413, 0.3608** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6942, 0.2844, 0.2950**, and the grayscale version is **49.2513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3448, 0.3363, 0.3549**, and **23.6300, 0.3497, 0.3705** is the 20% darker color. If you saturate the color by 10%, you get **46.4799, 0.3592, 0.3794**, and if you desaturate by 10%, it is **52.5787, 0.3247, 0.3427**.

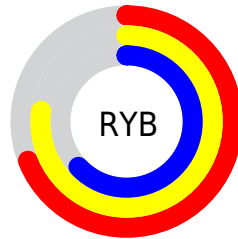
Distribution



Red (77%)

Green (73%)

Blue (63%)



Red (69%)

Yellow (77%)

Blue (63%)

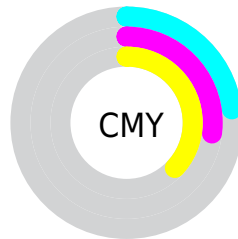


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.4268, 0.3413, 0.3608 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 49.4268, 0.3413, 0.3608 by changing the saturation by 10% instead.


 49.4268, 0.3413,
0.3608


 49.4268, 0.3413,
0.3608


384.4201, 0.3272,
0.3450

 34.9582, 0.3448,
0.3647


 89.3250, 0.3362,
0.3551

 23.6307, 0.3492,
0.3696


 115.5234, 0.3343,
0.3530

 15.0599, 0.3550,
0.3762


146.4005, 0.3326,
0.3511

 8.8614, 0.3630,
0.3851

182.3406, 0.3312,
0.3496

 4.6509, 0.3745,
0.3982

223.7283, 0.3300,
0.3482

 2.0439, 0.3926,
0.4188

270.9478, 0.3290,

 0.6328, 0.4809,

0.3470

0.5191

324.3836, 0.3280,
0.3460

0.0000, 0.0000,
0.0000

49.4268, 0.3413,
0.3608

49.4268, 0.3413,
0.3608

46.4799, 0.3592,
0.3794

52.5787, 0.3247,
0.3427

43.7254, 0.3782,
0.3979

55.9347, 0.3096,
0.3253

41.1590, 0.3977,
0.4155

59.5026, 0.2958,
0.3090

38.7736, 0.4173,
0.4312

63.2874, 0.2835,
0.2939

36.5616, 0.4360,
0.4441

67.0321, 0.2748,
0.2840

■ 34.5145, 0.4529,
0.4530

■ 69.9113, 0.2753,
0.2903

■ 32.6223, 0.4672,
0.4572

■ 72.8887, 0.2758,
0.2966

■ 30.8711, 0.4786,
0.4567

■ 75.9651, 0.2763,
0.3028

■ 30.5051, 0.4809,
0.4564

■ 79.1416, 0.2768,
0.3089

Harmonies

Analogous

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



49.4268, 0.3500, 0.3509



49.4268, 0.3413, 0.3608



49.4268, 0.3250, 0.3622

Triad

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



49.4268, 0.3413, 0.3608



49.4268, 0.2783, 0.3206



49.4268, 0.3189, 0.3059

Complementary

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



49.4268, 0.3413, 0.3608



40.6942, 0.2844, 0.2950

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.



49.4268, 0.2997, 0.2980



49.4268, 0.3413, 0.3608



49.4268, 0.2767, 0.3058

Square

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



49.4268, 0.3413, 0.3608



49.4268, 0.2888, 0.3384



49.4268, 0.2844, 0.2978



49.4268, 0.3369, 0.3194

Rectangle

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



49.4268, 0.3413, 0.3608



49.4268, 0.3122, 0.3577



49.4268, 0.2844, 0.2978



49.4268, 0.3123, 0.3025

Sweetspot

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



49.4290, 0.3413, 0.3608



96.9063, 0.3204, 0.3378



40.1954, 0.3368, 0.3155



20.6505, 0.3215, 0.3390



0.0000, 0.0000, 0.0000



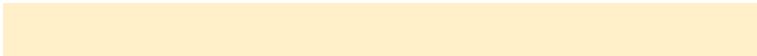
21.4041, 0.3127, 0.3290

Same Dimension

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



49.4290, 0.3413, 0.3608



87.6528, 0.3474, 0.3673



52.8634, 0.3333, 0.3737



11.2569, 0.3272, 0.3454



19.7579, 0.4798, 0.4572



0.9664, 0.4634, 0.4703

Inverse Universe

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



40.6942, 0.2844, 0.2950



69.1874, 0.2785, 0.2875



37.8143, 0.2897, 0.2819



10.2057, 0.2984, 0.3121



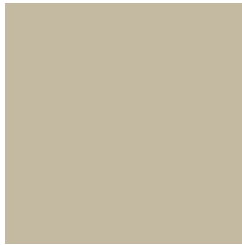
4.5027, 0.1606, 0.0981



0.3160, 0.1735, 0.1445

Previews

White Background



This preview shows how the Yxy color 49.4268, 0.3413, 0.3608 looks on a white background.

Color Contrast Check

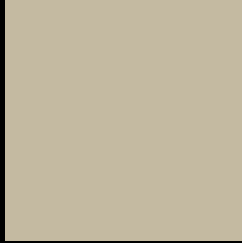
Large Text (above 18pt) WCAG AA × Fail

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 49.4268, 0.3413, 0.3608 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

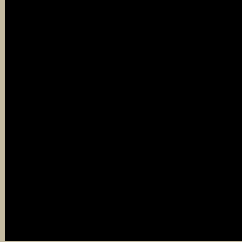
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

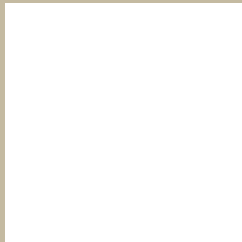
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.4268, 0.3413, 0.3608

Background



This preview shows how black text looks on a background with the Yxy color 49.4268, 0.3413, 0.3608.



This preview shows how white text looks on a background with the Yxy color 49.4268, 0.3413, 0.3608.

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

49.4268, 0.3413, 0.3608

Protanopia

49.4268, 0.3413, 0.3608

Deuteranopia

49.3973, 0.3573, 0.3510



Tritanopia

49.4054, 0.3186, 0.3120

Trichromacy



Original Color

49.4268, 0.3413, 0.3608

Protanomaly

49.4268, 0.3413, 0.3608

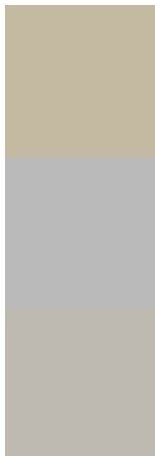
Deuteranomaly

49.3299, 0.3513, 0.3538

Tritanomaly

49.4280, 0.3264, 0.3290

Monochromacy



Original Color

49.4268, 0.3413, 0.3608

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.2393, 0.3232, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.4268, 0.3413, 0.3608 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(196, 186, 161)` looks like.

```
.text, #text, p{  
    color:rgb(196, 186, 161)  
}
```

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(196, 186, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 186, 161) }
```

Border

The CSS property to change the border of an element to Yxy 49.4268, 0.3413, 0.3608 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(196, 186, 161) }
```

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

```
.border{ border-color:rgb(196, 186, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 186, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 186, 161); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 186, 161); box-shadow:4px 4px 4px 4px rgb(196, 186, 161) }
```


Background

The CSS property to change the background color of an element to Yxy 49.4268, 0.3413, 0.3608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 186, 161) }
```

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

```
.background{ background-color: rgb(196,  
186, 161) }
```

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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