

Converting Colors

Yxy(50.2249, 0.3421, 0.3698)

Have a look what the booklet for
Yxy(50.2249, 0.3421, 0.3698)
contains.

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Color

Yxy(50.2988, 0.3422, 0.3699)

Conversions

Conversions Part 1

Format	Color
Hex	C2BD9D
RGB	194, 189, 157
RGB Percent	76%, 74%, 62%
CMY	0.2392, 0.2588, 0.3844
CMYK	0.00, 0.03, 0.19, 0.24
HSL	52°, 23%, 69%
HSV	52°, 19%, 76%
XYZ	46.5322, 50.2988, 39.1485
YIQ	186.8470, 13.2520, -8.8920

Conversions

Conversions Part 2

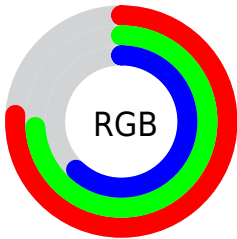
Format	Color
RYB	163, 194, 157
Decimal	12762525
CIELab	76.25, -3.57, 16.84
CIELCh	76, 17.214, 101.962
Yxy	50.2988, 0.3422, 0.3699
Android (android.graphics.Color)	4290952605 (0xFFC2BD9D)
YUV	186.8470, -14.7146, 6.2732
Hunter-Lab	70.9216, -6.9978, 16.9173

Details

The Yxy color **50.2988, 0.3422, 0.3699** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **36.9008, 0.2819, 0.2845**, and the grayscale version is **49.6834, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5675, 0.3370, 0.3620**, and **24.2244, 0.3495, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **48.5718, 0.3586, 0.3919**, and if you desaturate by 10%, it is **52.1560, 0.3264, 0.3481**.

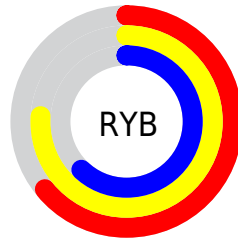
Distribution



Red (76%)

Green (74%)

Blue (62%)



Red (64%)

Yellow (76%)

Blue (62%)

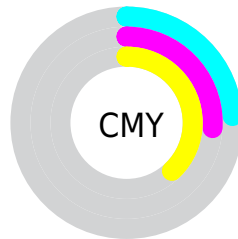


Cyan (0%)

Magenta (3%)

Yellow (19%)

Black (24%)



Cyan (24%)


Magenta (26%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2988, 0.3422, 0.3699 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 50.2988, 0.3422, 0.3699 by changing the saturation by 10% instead.


 50.2988, 0.3422,
0.3699

 50.2988, 0.3422,
0.3699

387.8333, 0.3278,
0.3496

 35.6509, 0.3457,
0.3749


 90.6174, 0.3370,
0.3626

 24.1647, 0.3501,
0.3813


 117.0569, 0.3351,
0.3598

 15.4558, 0.3559,
0.3898


148.1957, 0.3334,
0.3574

 9.1399, 0.3637,
0.4014

184.4183, 0.3320,
0.3554

 4.8326, 0.3747,
0.4183

226.1089, 0.3307,
0.3537

 2.1494, 0.3920,
0.4459

273.6520, 0.3296,

 0.6922, 0.4519,

0.3521

0.5481

327.4320, 0.3286,
0.3508

0.0000, 0.0000,
0.0000

50.2988, 0.3422,
0.3699

50.2988, 0.3422,
0.3699

48.5718, 0.3586,
0.3919

52.1560, 0.3264,
0.3481

46.9631, 0.3752,
0.4134

54.1412, 0.3114,
0.3271

45.4695, 0.3913,
0.4336

56.2613, 0.2975,
0.3072

44.0851, 0.4064,
0.4514

58.5205, 0.2847,
0.2886

42.8032, 0.4198,
0.4659

60.9227, 0.2730,
0.2714

■ 41.6164, 0.4308,
0.4764

■ 62.2299, 0.2727,
0.2734

■ 40.5158, 0.4391,
0.4824

■ 63.4934, 0.2729,
0.2764

■ 39.4864, 0.4449,
0.4844

■ 64.7780, 0.2732,
0.2793

■ 39.3936, 0.4454,
0.4845

■ 66.0838, 0.2734,
0.2823

Harmonies

Analogous

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



50.2988, 0.3564, 0.3603



50.2988, 0.3422, 0.3699



50.2988, 0.3203, 0.3681

Triad

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



50.2988, 0.3422, 0.3699



50.2988, 0.2689, 0.3121



50.2988, 0.3276, 0.3054

Complementary

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



50.2988, 0.3422, 0.3699



36.9008, 0.2819, 0.2845

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.



50.2988, 0.3037, 0.2934



50.2988, 0.3422, 0.3699



50.2988, 0.2706, 0.2964

Square

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



50.2988, 0.3422, 0.3699



50.2988, 0.2784, 0.3335



50.2988, 0.2831, 0.2900



50.2988, 0.3479, 0.3232

Rectangle

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



50.2988, 0.3422, 0.3699



50.2988, 0.3046, 0.3602



50.2988, 0.2831, 0.2900



50.2988, 0.3197, 0.3006

Sweetspot

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



50.3010, 0.3422, 0.3699



95.5331, 0.3218, 0.3418



38.2084, 0.3442, 0.3218



20.8691, 0.3228, 0.3432



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.



50.3010, 0.3422, 0.3699



89.7547, 0.3492, 0.3793



50.8514, 0.3301, 0.3776



11.5185, 0.3268, 0.3487



25.9854, 0.4450, 0.4849



1.1884, 0.4385, 0.4900

Inverse Universe

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



36.9008, 0.2819, 0.2845



60.9298, 0.2742, 0.2731



36.5454, 0.2929, 0.2790



9.9627, 0.2983, 0.3085



3.1241, 0.1532, 0.0716



0.2079, 0.1621, 0.1037

Previews

White Background



This preview shows how the Yxy color 50.2988, 0.3422, 0.3699 looks on a white background.

Color Contrast Check

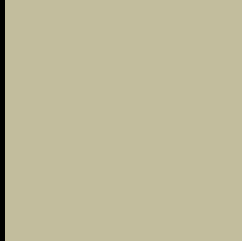
Large Text (above 18pt) WCAG AA × Fail

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 50.2988, 0.3422, 0.3699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

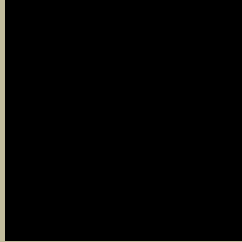
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

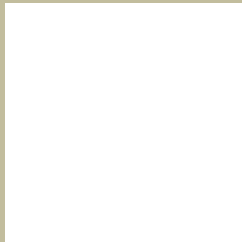
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.2988, 0.3422, 0.3699

Background



This preview shows how black text looks on a background with the Yxy color 50.2988, 0.3422, 0.3699.



This preview shows how white text looks on a background with the Yxy color 50.2988, 0.3422, 0.3699.

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

50.2988, 0.3422, 0.3699

Protanopia

50.5089, 0.3476, 0.3694

Deuteranopia

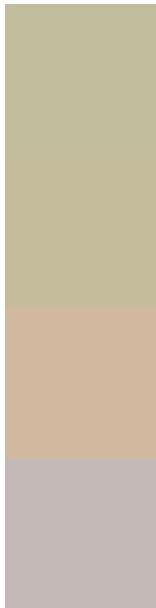
50.3027, 0.3632, 0.3555



Tritanopia

50.0863, 0.3144, 0.3107

Trichromacy



Original Color

50.2988, 0.3422, 0.3699

Protanomaly

50.2371, 0.3459, 0.3696

Deuteranomaly

50.3049, 0.3560, 0.3610

Tritanomaly

49.9871, 0.3245, 0.3315

Monochromacy



Original Color

50.2988, 0.3422, 0.3699

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

50.0482, 0.3237, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2988, 0.3422, 0.3699 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(194, 189, 157)` looks like.

```
.text, #text, p{  
    color:rgb(194, 189, 157)  
}
```

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(194, 189, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 189, 157) }
```

Border

The CSS property to change the border of an element to Yxy 50.2988, 0.3422, 0.3699 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(194, 189, 157) }
```

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

```
.border{ border-color:rgb(194, 189, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 189, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 189, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 189, 157);  
box-shadow:4px 4px 4px 4px rgb(194, 189,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2988, 0.3422, 0.3699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 189, 157) }
```

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

```
.background{ background-color: rgb(194,  
189, 157) }
```

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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