

Converting Colors

$Yxy(49.9476, 0.3399, 0.3528)$

Have a look what the booklet for
Yxy(49.9476, 0.3399, 0.3528)
contains.

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Color

Yxy(50.1872, 0.3399, 0.3528)

Conversions

Conversions Part 1

Format	Color
Hex	C8BAA7
RGB	200, 186, 167
RGB Percent	78%, 73%, 65%
CMY	0.2158, 0.2706, 0.3450
CMYK	0.00, 0.07, 0.16, 0.22
HSL	35°, 23%, 72%
HSV	35°, 16%, 78%
XYZ	48.3521, 50.1872, 43.7146
YIQ	188.0200, 14.4430, -2.9410

Conversions

Conversions Part 2

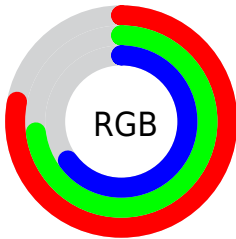
Format	Color
RYB	191, 200, 167
Decimal	13154983
CIELab	76.18, 1.80, 11.39
CIElCh	76, 11.536, 81.030
Yxy	50.1872, 0.3399, 0.3528
Android (android.graphics.Color)	4291345063 (0xFFC8BAA7)
YUV	188.0200, -10.3629, 10.5065
Hunter-Lab	70.8429, -2.1443, 13.0043

Details

The Yxy color **50.1872, 0.3399, 0.3528** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **45.4402, 0.2870, 0.3040**, and the grayscale version is **50.3563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0382, 0.3338, 0.3488**, and **24.1239, 0.3477, 0.3595** is the 20% darker color. If you saturate the color by 10%, you get **46.0372, 0.3590, 0.3680**, and if you desaturate by 10%, it is **54.6682, 0.3228, 0.3381**.

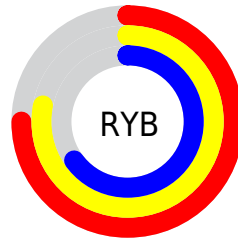
Distribution



Red (78%)

Green (73%)

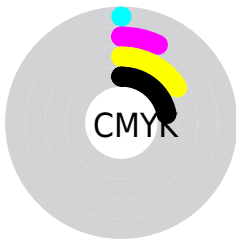
Blue (65%)



Red (75%)

Yellow (78%)

Blue (65%)

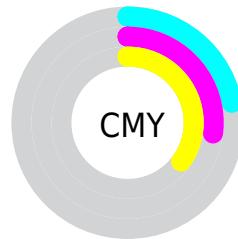


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (22%)



Cyan (22%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1872, 0.3399, 0.3528 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 50.1872, 0.3399, 0.3528 by changing the saturation by 10% instead.

 50.1872, 0.3399,
0.3528

 50.1872, 0.3399,
0.3528


387.3976, 0.3264,
0.3411

 35.5622, 0.3432,
0.3557


 90.4522, 0.3350,
0.3486

 24.0962, 0.3474,
0.3593


 116.8609, 0.3332,
0.3470

 15.4050, 0.3530,
0.3640


147.9663, 0.3317,
0.3457

 9.1041, 0.3607,
0.3705

184.1528, 0.3303,
0.3445

 4.8092, 0.3719,
0.3799

225.8048, 0.3292,
0.3435

 2.1357, 0.3898,
0.3946

273.3067, 0.3281,

 0.6846, 0.5036,

0.3426

0.4964

327.0428, 0.3272,
0.3418

0.0000, 0.0000,
0.0000

50.1872, 0.3399,
0.3528

50.1872, 0.3399,
0.3528

46.0372, 0.3590,
0.3680

54.6682, 0.3228,
0.3381

42.2027, 0.3801,
0.3834

59.4820, 0.3076,
0.3242

38.6764, 0.4029,
0.3982

64.6389, 0.2942,
0.3112

35.4484, 0.4269,
0.4114

70.1466, 0.2824,
0.2993

32.5078, 0.4511,
0.4221

75.2136, 0.2785,
0.3004

■ 29.8431, 0.4745,
0.4290

■ 80.0069, 0.2791,
0.3097

■ 27.4409, 0.4956,
0.4310

■ 85.0325, 0.2798,
0.3188

■ 25.2853, 0.5134,
0.4277

■ 90.2935, 0.2804,
0.3277

■ 24.5755, 0.5193,
0.4259

■ 91.0168, 0.2805,
0.3289

Harmonies

Analogous

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



50.1872, 0.3439, 0.3427



50.1872, 0.3399, 0.3528



50.1872, 0.3286, 0.3567

Triad

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



50.1872, 0.3399, 0.3528



50.1872, 0.2868, 0.3277



50.1872, 0.3116, 0.3066

Complementary

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



50.1872, 0.3399, 0.3528



45.4402, 0.2870, 0.3040

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.



50.1872, 0.2966, 0.3025



50.1872, 0.3399, 0.3528



50.1872, 0.2825, 0.3142

Square

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



50.1872, 0.3399, 0.3528



50.1872, 0.2980, 0.3421



50.1872, 0.2860, 0.3051



50.1872, 0.3273, 0.3164

Rectangle

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



50.1872, 0.3399, 0.3528



50.1872, 0.3185, 0.3550



50.1872, 0.2860, 0.3051



50.1872, 0.3063, 0.3046

Sweetspot

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



50.1894, 0.3399, 0.3528



95.8040, 0.3205, 0.3361



43.2765, 0.3308, 0.3111



20.3823, 0.3217, 0.3371



0.0000, 0.0000, 0.0000



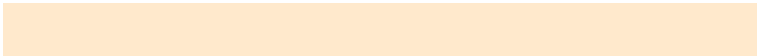
21.4041, 0.3127, 0.3290

Same Dimension

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



50.1894, 0.3399, 0.3528



84.1068, 0.3470, 0.3586



56.0679, 0.3354, 0.3697



11.6341, 0.3275, 0.3423



15.8098, 0.5175, 0.4273



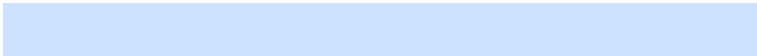
0.8899, 0.4917, 0.4478

Inverse Universe

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



45.4402, 0.2870, 0.3040



74.2495, 0.2807, 0.2975



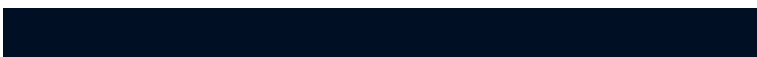
40.2806, 0.2880, 0.2853



11.0146, 0.2983, 0.3153



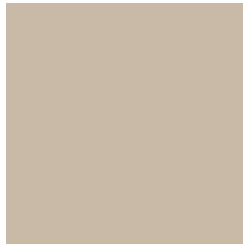
6.9347, 0.1709, 0.1351



0.4712, 0.1824, 0.1766

Previews

White Background



This preview shows how the Yxy color 50.1872, 0.3399, 0.3528 looks on a white background.

Color Contrast Check

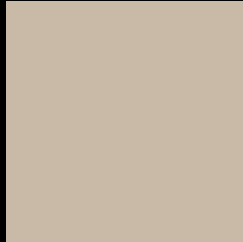
Large Text (above 18pt) WCAG AA × Fail

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 50.1872, 0.3399, 0.3528 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

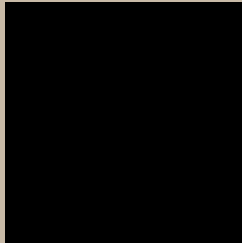
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

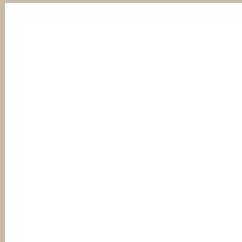
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.1872, 0.3399, 0.3528

Background



This preview shows how black text looks on a background with the Yxy color 50.1872, 0.3399, 0.3528.



This preview shows how white text looks on a background with the Yxy color 50.1872, 0.3399, 0.3528.

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

50.1872, 0.3399, 0.3528

Protanopia

50.1036, 0.3354, 0.3531

Deuteranopia

50.0210, 0.3518, 0.3448



Tritanopia

50.2788, 0.3203, 0.3121

Trichromacy



Original Color

50.1872, 0.3399, 0.3528

Protanomaly

50.2381, 0.3363, 0.3530

Deuteranomaly

50.1040, 0.3468, 0.3475

Tritanomaly

50.0663, 0.3282, 0.3266

Monochromacy



Original Color

50.1872, 0.3399, 0.3528

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

50.0424, 0.3224, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1872, 0.3399, 0.3528 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(200, 186, 167)` looks like.

```
.text, #text, p{  
    color:rgb(200, 186, 167)  
}
```

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(200, 186, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 186, 167) }
```

Border

The CSS property to change the border of an element to Yxy 50.1872, 0.3399, 0.3528 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(200, 186, 167) }
```

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

```
.border{ border-color:rgb(200, 186, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 186, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 186, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 186, 167);  
box-shadow:4px 4px 4px 4px rgb(200, 186,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1872, 0.3399, 0.3528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 186, 167) }
```

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

```
.background{ background-color: rgb(200,  
186, 167) }
```

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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