

Converting Colors

Yxy(49.9315, 0.3561, 0.3696)

Have a look what the booklet for
Yxy(49.9315, 0.3561, 0.3696)
contains.

Yxy(49.8352, 0.3554, 0.3690)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(49.8352, 0.3554, 0.3690)

Conversions

Conversions Part 1

Format	Color
Hex	CCB999
RGB	204, 185, 153
RGB Percent	80%, 73%, 60%
CMY	0.2000, 0.2745, 0.4000
CMYK	0.00, 0.09, 0.25, 0.20
HSL	38°, 33%, 70%
HSV	38°, 25%, 80%
XYZ	47.9985, 49.8352, 37.2211
YIQ	187.0330, 21.5960, -5.9240

Conversions

Conversions Part 2

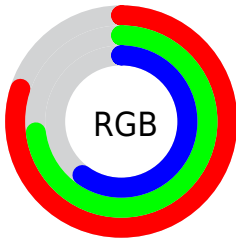
Format	Color
RYB	183, 204, 153
Decimal	13416857
CIELab	75.97, 1.75, 18.72
CIELCh	76, 18.805, 84.648
Yxy	49.8352, 0.3554, 0.3690
Android (android.graphics.Color)	4291606937 (0xFFCCB999)
YUV	187.0330, -16.7783, 14.8801
Hunter-Lab	70.5941, -2.1735, 18.1549

Details

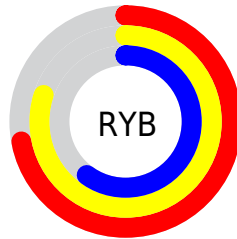
The Yxy color **49.8352, 0.3554, 0.3690** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.6262, 0.2725, 0.2854**, and the grayscale version is **49.8013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6756, 0.3436, 0.3629**, and **23.8514, 0.3666, 0.3795** is the 20% darker color. If you saturate the color by 10%, you get **46.1271, 0.3755, 0.3856**, and if you desaturate by 10%, it is **53.8327, 0.3370, 0.3525**.

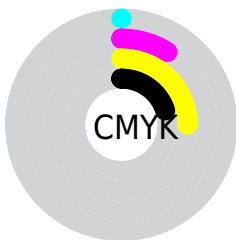
Distribution



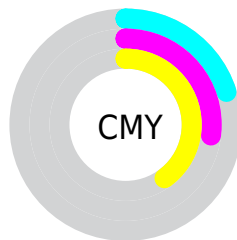
- Red (80%)
- Green (73%)
- Blue (60%)



- Red (72%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (9%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (27%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.8352, 0.3554, 0.3690 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 49.8352, 0.3554, 0.3690 by changing the saturation by 10% instead.


 49.8352, 0.3554,
0.3690

 49.8352, 0.3554,
0.3690


386.0211, 0.3343,
0.3494

 35.2825, 0.3606,
0.3738


 89.9307, 0.3478,
0.3620

 23.8805, 0.3671,
0.3798


 116.2422, 0.3449,
0.3593

 15.2450, 0.3757,
0.3876


147.2421, 0.3425,
0.3570

 8.9915, 0.3873,
0.3981

183.3147, 0.3404,
0.3551

 4.7357, 0.4040,
0.4129

224.8446, 0.3386,
0.3534

 2.0930, 0.4327,
0.4383

272.2160, 0.3370,

 0.6607, 0.5038,

0.3519

0.4962

325.8134, 0.3356,
0.3506

0.0000, 0.0000,
0.0000

49.8352, 0.3554,
0.3690

49.8352, 0.3554,
0.3690

46.1271, 0.3755,
0.3856

53.8327, 0.3370,
0.3525

42.6932, 0.3969,
0.4017

58.1210, 0.3204,
0.3366

39.5267, 0.4191,
0.4164

62.7097, 0.3055,
0.3216

36.6178, 0.4414,
0.4286

67.6063, 0.2923,
0.3076

33.9558, 0.4626,
0.4371

72.8177, 0.2805,
0.2946

■ 31.5286, 0.4816,
0.4409

■ 76.9670, 0.2810,
0.3029

■ 29.3220, 0.4975,
0.4395

■ 81.2998, 0.2816,
0.3111

■ 28.2906, 0.5046,
0.4375

■ 85.8192, 0.2821,
0.3192

■ 90.5273, 0.2826,
0.3272

Harmonies

Analogous

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



49.8352, 0.3638, 0.3529



49.8352, 0.3554, 0.3690



49.8352, 0.3355, 0.3747

Triad

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



49.8352, 0.3554, 0.3690



49.8352, 0.2694, 0.3235



49.8352, 0.3138, 0.2947

Complementary

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



49.8352, 0.3554, 0.3690



40.6262, 0.2725, 0.2854

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.



49.8352, 0.2890, 0.2867



49.8352, 0.3554, 0.3690



49.8352, 0.2641, 0.3021

Square

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



49.8352, 0.3554, 0.3690



49.8352, 0.2859, 0.3478



49.8352, 0.2711, 0.2890



49.8352, 0.3393, 0.3109

Rectangle

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



49.8352, 0.3554, 0.3690



49.8352, 0.3186, 0.3711



49.8352, 0.2711, 0.2890



49.8352, 0.3051, 0.2909

Sweetspot

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



49.8375, 0.3554, 0.3690



94.0054, 0.3253, 0.3415



38.6149, 0.3452, 0.3044



19.8875, 0.3278, 0.3439



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.



49.8375, 0.3554, 0.3690



79.1727, 0.3660, 0.3780



57.4941, 0.3452, 0.3919



12.3674, 0.3275, 0.3435



17.9911, 0.5031, 0.4387



1.0706, 0.4826, 0.4550

Inverse Universe

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



40.6262, 0.2725, 0.2854



61.3582, 0.2632, 0.2745



34.5031, 0.2751, 0.2596



11.5167, 0.2983, 0.3140



6.1565, 0.1666, 0.1197



0.4621, 0.1777, 0.1597

Previews

White Background



This preview shows how the Yxy color 49.8352, 0.3554, 0.3690 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 49.8352, 0.3554, 0.3690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

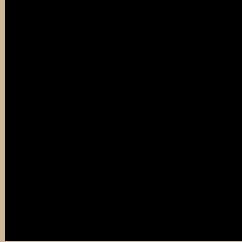
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 49.8352, 0.3554, 0.3690

Background



This preview shows how black text looks on a background with the Yxy color 49.8352, 0.3554, 0.3690.



This preview shows how white text looks on a background with the Yxy color 49.8352, 0.3554, 0.3690.

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

49.8352, 0.3554, 0.3690

Protanopia

49.8795, 0.3486, 0.3709

Deuteranopia

49.7273, 0.3679, 0.3604



Tritanopia

49.6458, 0.3273, 0.3123

Trichromacy



Original Color

49.8352, 0.3554, 0.3690

Protanomaly

49.7303, 0.3507, 0.3694

Deuteranomaly

49.7860, 0.3627, 0.3632

Tritanomaly

49.5275, 0.3379, 0.3327

Monochromacy



Original Color

49.8352, 0.3554, 0.3690

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5504, 0.3273, 0.3430

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.8352, 0.3554, 0.3690 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(204, 185, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 185, 153)  
}
```

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(204, 185, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 185, 153) }
```

Border

The CSS property to change the border of an element to Yxy 49.8352, 0.3554, 0.3690 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(204, 185, 153) }
```

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

```
.border{ border-color:rgb(204, 185, 153) }
```

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

Here you see how a box with a 4 pixel rgb(204, 185, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 185, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 185, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 185,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 49.8352, 0.3554, 0.3690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 185, 153) }
```

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

```
.background{ background-color: rgb(204,  
185, 153) }
```

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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