

Converting Colors

$Y_{xy}(49.1719, 0.3354, 0.3559)$

Have a look what the booklet for
Yxy(49.1719, 0.3354, 0.3559)
contains.

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Color

Yxy(49.1719, 0.3354, 0.3559)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C1BAA5 |
| RGB | 193, 186, 165 |
| RGB Percent | 76%, 73%, 65% |
| CMY | 0.2432, 0.2705, 0.3529 |
| CMYK | 0.00, 0.04, 0.14, 0.24 |
| HSL | 45°, 18%, 70% |
| HSV | 45°, 14%, 76% |
| XYZ | 46.3396, 49.1719, 42.6506 |
| YIQ | 185.6990, 10.9130, -5.0470 |

Conversions

Conversions Part 2

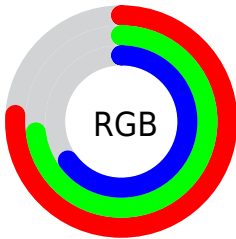
| Format | Color |
|-------------------------------------|--|
| RYB | 174, 193, 165 |
| Decimal | 12696229 |
| CIELab | 75.56, -1.12, 11.52 |
| CIELCh | 76, 11.577, 95.552 |
| Yxy | 49.1719, 0.3354, 0.3559 |
| Android (android.graphics.Color) | 4290886309 (0xFFC1BAA5) |
| YUV | 185.6990, -10.2046, 6.4030 |
| Hunter-Lab | 70.1227, -4.7555, 13.0240 |

Details

The Yxy color **49.1719, 0.3354, 0.3559** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.3476, 0.2900, 0.3006**, and the grayscale version is **48.9793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.9956, 0.3317, 0.3510**, and **23.4563, 0.3415, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **46.5310, 0.3526, 0.3752**, and if you desaturate by 10%, it is **51.9914, 0.3195, 0.3371**.

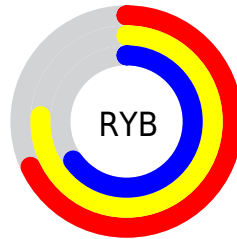
Distribution



Red (76%)

Green (73%)

Blue (65%)



Red (68%)

Yellow (76%)

Blue (65%)

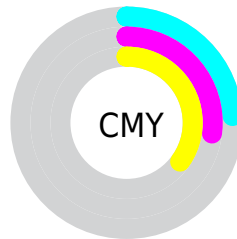


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (24%)



Cyan (24%)


Magenta (27%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.1719, 0.3354, 0.3559 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 49.1719, 0.3354, 0.3559 by changing the saturation by 10% instead.


 49.1719, 0.3354,
0.3559

 49.1719, 0.3354,
0.3559

383.4187, 0.3242,
0.3425

 34.7559, 0.3382,
0.3592


 88.9467, 0.3314,
0.3511

 23.4749, 0.3417,
0.3634

 115.0743, 0.3298,
0.3492

 14.9445, 0.3463,
0.3690


145.8745, 0.3285,
0.3477

 8.7805, 0.3527,
0.3768

181.7317, 0.3274,
0.3464

 4.5983, 0.3621,
0.3882

223.0303, 0.3264,
0.3452

 2.0135, 0.3768,
0.4064

270.1547, 0.3256,

 0.6153, 0.4753,

0.3442

0.5247

323.4894, 0.3248,
0.3433

0.0000, 0.0000,
0.0000

49.1719, 0.3354,
0.3559

49.1719, 0.3354,
0.3559

46.5310, 0.3526,
0.3752

51.9914, 0.3195,
0.3371

44.0568, 0.3707,
0.3946

54.9880, 0.3048,
0.3193

41.7457, 0.3893,
0.4133

58.1688, 0.2916,
0.3026

39.5914, 0.4080,
0.4305

61.5384, 0.2796,
0.2871

37.5872, 0.4258,
0.4450

64.6753, 0.2725,
0.2793

■ 35.7255, 0.4420,
0.4559

■ 67.0865, 0.2730,
0.2848

■ 33.9978, 0.4557,
0.4624

■ 69.5698, 0.2734,
0.2902

■ 32.3936, 0.4665,
0.4641

■ 72.1256, 0.2739,
0.2957

■ 31.5523, 0.4717,
0.4637

■ 74.7546, 0.2744,
0.3010

Harmonies

Analogous

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



49.1719, 0.3433, 0.3484



49.1719, 0.3354, 0.3559



49.1719, 0.3215, 0.3561

Triad

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



49.1719, 0.3354, 0.3559



49.1719, 0.2835, 0.3207



49.1719, 0.3195, 0.3106

Complementary

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



49.1719, 0.3354, 0.3559



41.3476, 0.2900, 0.3006

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.



49.1719, 0.3034, 0.3034



49.1719, 0.3354, 0.3559



49.1719, 0.2830, 0.3088

Square

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



49.1719, 0.3354, 0.3559



49.1719, 0.2916, 0.3354



49.1719, 0.2902, 0.3027



49.1719, 0.3340, 0.3224

Rectangle

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



49.1719, 0.3354, 0.3559



49.1719, 0.3107, 0.3519



49.1719, 0.2902, 0.3027



49.1719, 0.3141, 0.3076

Sweetspot

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



49.1741, 0.3354, 0.3559



93.3631, 0.3188, 0.3364



41.2278, 0.3329, 0.3200



19.9446, 0.3200, 0.3377



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.



49.1741, 0.3354, 0.3559



86.7477, 0.3400, 0.3612



51.2858, 0.3282, 0.3651



11.3195, 0.3271, 0.3462



21.1226, 0.4708, 0.4643



1.0163, 0.4570, 0.4753

Inverse Universe

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



41.3476, 0.2900, 0.3006



70.3660, 0.2853, 0.2946



39.5347, 0.2957, 0.2916



10.1467, 0.2983, 0.3112



4.0807, 0.1584, 0.0903



0.2900, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 49.1719, 0.3354, 0.3559 looks on a white background.

Color Contrast Check

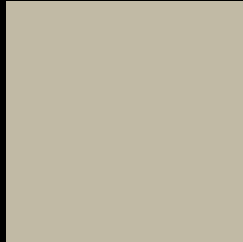
Large Text (above 18pt) WCAG AA × Fail

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 49.1719, 0.3354, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

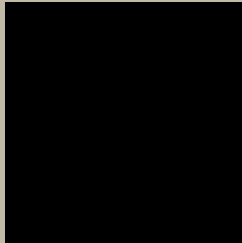
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

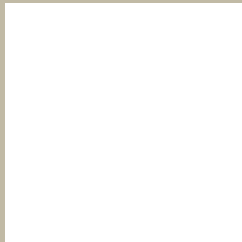
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.1719, 0.3354, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 49.1719, 0.3354, 0.3559.



This preview shows how white text looks on a background with the Yxy color 49.1719, 0.3354, 0.3559.

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

49.1719, 0.3354, 0.3559

Protanopia

49.3038, 0.3363, 0.3558

Deuteranopia

48.8423, 0.3522, 0.3450



Tritanopia

49.3117, 0.3144, 0.3118

Trichromacy



Original Color

49.1719, 0.3354, 0.3559

Protanomaly

49.3038, 0.3363, 0.3558

Deuteranomaly

49.0464, 0.3452, 0.3490

Tritanomaly

49.1055, 0.3222, 0.3265

Monochromacy



Original Color

49.1719, 0.3354, 0.3559

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1510, 0.3215, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.1719, 0.3354, 0.3559 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, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 165)  
}
```

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, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 49.1719, 0.3354, 0.3559 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, 186, 165) }
```

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

```
.border{ border-color:rgb(193, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 49.1719, 0.3354, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 165) }
```

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

```
.background{ background-color: rgb(193,  
186, 165) }
```

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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