

Converting Colors

$Yxy(49.7176, 0.3344, 0.3561)$

Have a look what the booklet for
Yxy(49.7176, 0.3344, 0.3561)
contains.

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Color

Yxy(49.6313, 0.3344, 0.3558)

Conversions

Conversions Part 1

Format	Color
Hex	C1BBA6
RGB	193, 187, 166
RGB Percent	76%, 73%, 65%
CMY	0.2432, 0.2666, 0.3489
CMYK	0.00, 0.03, 0.14, 0.24
HSL	47°, 18%, 70%
HSV	47°, 14%, 76%
XYZ	46.6462, 49.6313, 43.2147
YIQ	186.4000, 10.3170, -5.2590

Conversions

Conversions Part 2

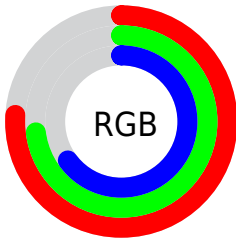
Format	Color
RYB	174, 193, 166
Decimal	12696486
CIELab	75.84, -1.48, 11.37
CIELCh	76, 11.466, 97.413
Yxy	49.6313, 0.3344, 0.3558
Android (android.graphics.Color)	4290886566 (0xFFC1BBA6)
YUV	186.4000, -10.0572, 5.7882
Hunter-Lab	70.4495, -5.0978, 12.9454

Details

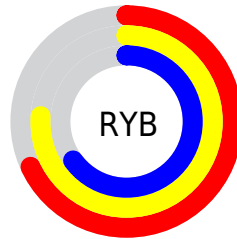
The Yxy color **49.6313, 0.3344, 0.3558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4741, 0.2908, 0.3007**, and the grayscale version is **49.3937, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6456, 0.3309, 0.3510**, and **23.7541, 0.3401, 0.3638** is the 20% darker color. If you saturate the color by 10%, you get **47.1860, 0.3513, 0.3758**, and if you desaturate by 10%, it is **52.2416, 0.3186, 0.3364**.

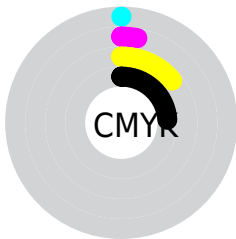
Distribution



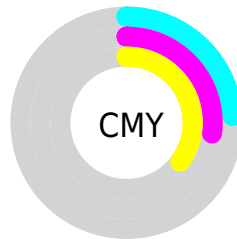
- Red (76%)
- Green (73%)
- Blue (65%)



- Red (68%)
- Yellow (76%)
- Blue (65%)



- Cyan (0%)
- Magenta (3%)
- Yellow (14%)
- Black (24%)





- Cyan (24%)
- Magenta (27%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.6313, 0.3344, 0.3558 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 49.6313, 0.3344, 0.3558 by changing the saturation by 10% instead.


 49.6313, 0.3344,
0.3558

 49.6313, 0.3344,
0.3558


385.2223, 0.3237,
0.3425

 35.1205, 0.3370,
0.3591


 89.6284, 0.3305,
0.3510

 23.7557, 0.3404,
0.3633


 115.8834, 0.3291,
0.3492

 15.1525, 0.3448,
0.3689


146.8221, 0.3278,
0.3476

 8.9265, 0.3508,
0.3766

182.8286, 0.3268,
0.3463

 4.6933, 0.3597,
0.3879

224.2876, 0.3259,
0.3452

 2.0684, 0.3736,
0.4060

271.5832, 0.3250,

 0.6468, 0.4722,

0.3442

0.5278

325.1000, 0.3243,
0.3433

0.0000, 0.0000,
0.0000

49.6313, 0.3344,
0.3558

49.6313, 0.3344,
0.3558

47.1860, 0.3513,
0.3758

52.2416, 0.3186,
0.3364

44.8939, 0.3690,
0.3958

55.0151, 0.3041,
0.3180

42.7516, 0.3871,
0.4151

57.9586, 0.2909,
0.3007

40.7531, 0.4050,
0.4328

61.0767, 0.2789,
0.2847

38.8920, 0.4220,
0.4479

63.8788, 0.2724,
0.2775

■ 37.1608, 0.4373,
0.4594

■ 66.0025, 0.2728,
0.2824

■ 35.5513, 0.4501,
0.4666

■ 68.1832, 0.2732,
0.2872

■ 34.0535, 0.4600,
0.4690

■ 70.4212, 0.2736,
0.2921

■ 33.1925, 0.4651,
0.4689

■ 72.7170, 0.2740,
0.2969

Harmonies

Analogous

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



49.6313, 0.3427, 0.3488



49.6313, 0.3344, 0.3558



49.6313, 0.3204, 0.3555

Triad

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



49.6313, 0.3344, 0.3558



49.6313, 0.2836, 0.3200



49.6313, 0.3204, 0.3114

Complementary

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



49.6313, 0.3344, 0.3558



41.4741, 0.2908, 0.3007

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.



49.6313, 0.3045, 0.3040



49.6313, 0.3344, 0.3558



49.6313, 0.2836, 0.3085

Square

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



49.6313, 0.3344, 0.3558



49.6313, 0.2912, 0.3344



49.6313, 0.2911, 0.3029



49.6313, 0.3345, 0.3233

Rectangle

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



49.6313, 0.3344, 0.3558



49.6313, 0.3098, 0.3510



49.6313, 0.2911, 0.3029



49.6313, 0.3151, 0.3084

Sweetspot

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



49.6335, 0.3344, 0.3558



93.5295, 0.3188, 0.3366



41.6131, 0.3324, 0.3209



19.9869, 0.3199, 0.3381



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.



49.6335, 0.3344, 0.3558



87.4262, 0.3399, 0.3623



51.3045, 0.3273, 0.3638



11.3666, 0.3270, 0.3468



22.2023, 0.4643, 0.4695



1.0553, 0.4524, 0.4790

Inverse Universe

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



41.4741, 0.2908, 0.3007



69.7700, 0.2853, 0.2933



40.0455, 0.2968, 0.2931



10.1027, 0.2983, 0.3105



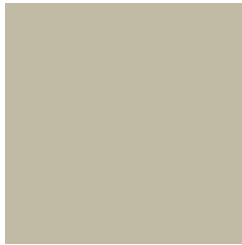
3.8029, 0.1570, 0.0850



0.2704, 0.1689, 0.1282

Previews

White Background



This preview shows how the Yxy color 49.6313, 0.3344, 0.3558 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 49.6313, 0.3344, 0.3558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

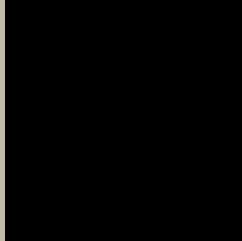
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

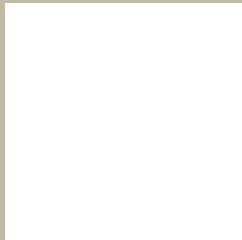
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.6313, 0.3344, 0.3558

Background



This preview shows how black text looks on a background with the Yxy color 49.6313, 0.3344, 0.3558.



This preview shows how white text looks on a background with the Yxy color 49.6313, 0.3344, 0.3558.

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

49.6313, 0.3344, 0.3558

Protanopia

49.4731, 0.3364, 0.3545

Deuteranopia

49.4296, 0.3520, 0.3449



Tritanopia

49.7685, 0.3135, 0.3118

Trichromacy



Original Color

49.6313, 0.3344, 0.3558

Protanomaly

49.3403, 0.3355, 0.3545

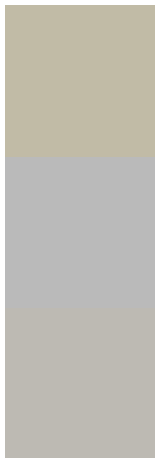
Deuteranomaly

49.6361, 0.3450, 0.3489

Tritanomaly

49.5619, 0.3213, 0.3265

Monochromacy



Original Color

49.6313, 0.3344, 0.3558

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

49.1913, 0.3207, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.6313, 0.3344, 0.3558 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, 187, 166)` looks like.

```
.text, #text, p{  
    color:rgb(193, 187, 166)  
}
```

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, 187, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 187, 166) }
```

Border

The CSS property to change the border of an element to Yxy 49.6313, 0.3344, 0.3558 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, 187, 166) }
```

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

```
.border{ border-color:rgb(193, 187, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 187, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 187, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 187, 166);  
box-shadow:4px 4px 4px 4px rgb(193, 187,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 49.6313, 0.3344, 0.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 187, 166) }
```

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

```
.background{ background-color: rgb(193,  
187, 166) }
```

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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