

Converting Colors

$Y_{xy}(49.3800, 0.3326, 0.3441)$

Have a look what the booklet for
Yxy(49.3800, 0.3326, 0.3441)
contains.

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Color

Yxy(49.5854, 0.3326, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	C5B9AD
RGB	197, 185, 173
RGB Percent	77%, 73%, 68%
CMY	0.2273, 0.2746, 0.3215
CMYK	0.00, 0.06, 0.12, 0.23
HSL	30°, 17%, 73%
HSV	30°, 12%, 77%
XYZ	47.9282, 49.5854, 46.5881
YIQ	187.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

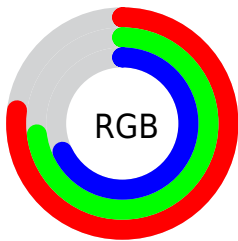
Format	Color
RYB	197, 197, 173
Decimal	12958125
CIELab	75.81, 2.22, 7.59
CIELCh	76, 7.911, 73.678
Yxy	49.5854, 0.3326, 0.3441
Android (android.graphics.Color)	4291148205 (0xFFC5B9AD)
YUV	187.2200, -7.0105, 8.5771
Hunter-Lab	70.4169, -1.7362, 10.0653

Details

The Yxy color **49.5854, 0.3326, 0.3441** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6500, 0.2939, 0.3134**, and the grayscale version is **49.8652, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.5829, 0.3294, 0.3418**, and **23.7226, 0.3377, 0.3478** is the 20% darker color. If you saturate the color by 10%, you get **44.8856, 0.3515, 0.3572**, and if you desaturate by 10%, it is **54.6899, 0.3161, 0.3316**.

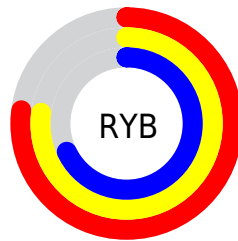
Distribution



Red (77%)

Green (73%)

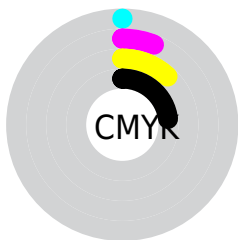
Blue (68%)



Red (77%)

Yellow (77%)

Blue (68%)

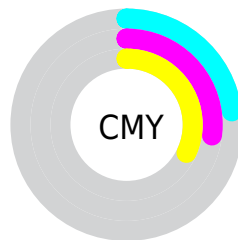


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.5854, 0.3326, 0.3441 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 49.5854, 0.3326, 0.3441 by changing the saturation by 10% instead.

 49.5854, 0.3326,
0.3441

 49.5854, 0.3326,
0.3441


385.0424, 0.3227,
0.3367

 35.0841, 0.3350,
0.3459


 89.5603, 0.3290,
0.3414

 23.7277, 0.3382,
0.3482


115.8026, 0.3277,
0.3404

 15.1317, 0.3423,
0.3513


146.7275, 0.3265,
0.3396

 8.9119, 0.3480,
0.3555

182.7191, 0.3256,
0.3388

 4.6837, 0.3565,
0.3616

224.1621, 0.3247,
0.3382

 2.0629, 0.3703,
0.3712

271.4407, 0.3240,

 0.6437, 0.4501,

0.3376

0.4350

324.9393, 0.3233,
0.3371

0.0000, 0.0000,
0.0000

49.5854, 0.3326,
0.3441

49.5854, 0.3326,
0.3441

44.8856, 0.3515,
0.3572

54.6899, 0.3161,
0.3316

40.5732, 0.3728,
0.3706

60.2028, 0.3016,
0.3200

36.6392, 0.3965,
0.3838

66.1360, 0.2891,
0.3092

33.0716, 0.4223,
0.3961

72.4992, 0.2781,
0.2992

29.8577, 0.4495,
0.4064

78.1896, 0.2772,
0.3069

■ 26.9839, 0.4770,
0.4134

■ 83.9925, 0.2780,
0.3176

■ 24.4353, 0.5032,
0.4159

■ 90.1149, 0.2789,
0.3281

■ 22.1949, 0.5262,
0.4131

■ 90.6168, 0.2789,
0.3289

■ 20.6417, 0.5419,
0.4079

Harmonies

Analogous

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



49.5854, 0.3339, 0.3364



49.5854, 0.3326, 0.3441



49.5854, 0.3259, 0.3478

Triad

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



49.5854, 0.3326, 0.3441



49.5854, 0.2963, 0.3307



49.5854, 0.3093, 0.3123

Complementary

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



49.5854, 0.3326, 0.3441



47.6500, 0.2939, 0.3134

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.



49.5854, 0.2994, 0.3106



49.5854, 0.3326, 0.3441



49.5854, 0.2921, 0.3210

Square

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



49.5854, 0.3326, 0.3441



49.5854, 0.3050, 0.3401



49.5854, 0.2932, 0.3137



49.5854, 0.3203, 0.3183

Rectangle

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



49.5854, 0.3326, 0.3441



49.5854, 0.3194, 0.3475



49.5854, 0.2932, 0.3137



49.5854, 0.3058, 0.3113

Sweetspot

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



49.5876, 0.3326, 0.3441



96.1377, 0.3190, 0.3339



45.2917, 0.3238, 0.3134



20.4248, 0.3202, 0.3348



0.0000, 0.0000, 0.0000



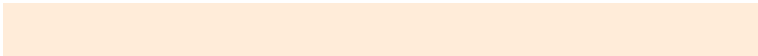
21.4041, 0.3127, 0.3290

Same Dimension

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



49.5876, 0.3326, 0.3441



86.1348, 0.3381, 0.3480



54.6674, 0.3308, 0.3583



11.4951, 0.3277, 0.3405



13.7367, 0.5399, 0.4095



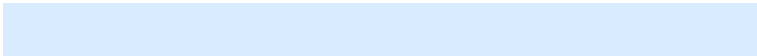
0.7953, 0.5082, 0.4347

Inverse Universe

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



47.6500, 0.2939, 0.3134



81.8933, 0.2891, 0.3092



42.9673, 0.2936, 0.2979



11.1523, 0.2983, 0.3172



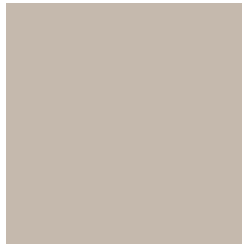
8.6716, 0.1778, 0.1599



0.5555, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 49.5854, 0.3326, 0.3441 looks on a white background.

Color Contrast Check

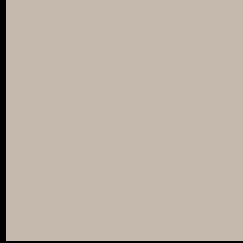
Large Text (above 18pt) WCAG AA × Fail

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 49.5854, 0.3326, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

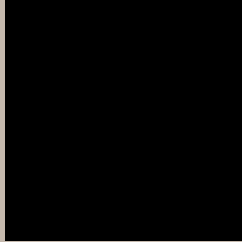
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

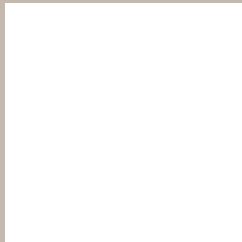
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.5854, 0.3326, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 49.5854, 0.3326, 0.3441.

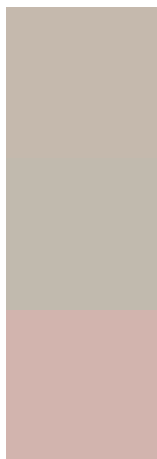


This preview shows how white text looks on a background with the Yxy color 49.5854, 0.3326, 0.3441.

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

49.5854, 0.3326, 0.3441

Protanopia

49.5113, 0.3281, 0.3443

Deuteranopia

49.4001, 0.3441, 0.3364



Tritanopia

49.7208, 0.3169, 0.3119

Trichromacy



Original Color

49.5854, 0.3326, 0.3441

Protanomaly

49.6431, 0.3290, 0.3442

Deuteranomaly

49.4910, 0.3393, 0.3389

Tritanomaly

49.6399, 0.3224, 0.3229

Monochromacy



Original Color

49.5854, 0.3326, 0.3441

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5716, 0.3200, 0.3341

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.5854, 0.3326, 0.3441 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(197, 185, 173)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 173)  
}
```

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(197, 185, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 173) }
```

Border

The CSS property to change the border of an element to Yxy 49.5854, 0.3326, 0.3441 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(197, 185, 173) }
```

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

```
.border{ border-color:rgb(197, 185, 173) }
```

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

Here you see how a box with a 4 pixel rgb(197, 185, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 173);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 49.5854, 0.3326, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 173) }
```

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

```
.background{ background-color: rgb(197,  
185, 173) }
```

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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