

Converting Colors

$Yxy(36.4160, 0.3669, 0.3585)$

Have a look what the booklet for
Yxy(36.4160, 0.3669, 0.3585)
contains.

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Color

Yxy(36.3450, 0.3667, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	BD9C87
RGB	189, 156, 135
RGB Percent	74%, 61%, 53%
CMY	0.2588, 0.3882, 0.4705
CMYK	0.00, 0.17, 0.29, 0.26
HSL	23°, 29%, 64%
HSV	23°, 29%, 74%
XYZ	37.2491, 36.3450, 27.9850
YIQ	163.4730, 26.4090, 0.4650

Conversions

Conversions Part 2

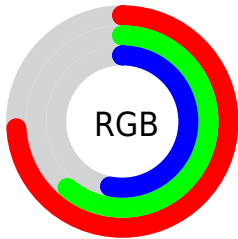
Format	Color
R _Y B	189, 169, 135
Decimal	12426375
CIE Lab	66.78, 9.08, 15.57
CIE LCh	67, 18.022, 59.753
Yxy	36.3450, 0.3667, 0.3578
Android (android.graphics.Color)	4290616455 (0xFFBD9C87)
YUV	163.4730, -14.0372, 22.3872
Hunter-Lab	60.2868, 4.7868, 14.6784

Details

The Yxy color **36.3450, 0.3667, 0.3578** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **36.8423, 0.2687, 0.2982**, and the grayscale version is **36.9212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3169, 0.3565, 0.3524**, and **15.9099, 0.3846, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **32.1651, 0.3915, 0.3684**, and if you desaturate by 10%, it is **40.9918, 0.3451, 0.3473**.

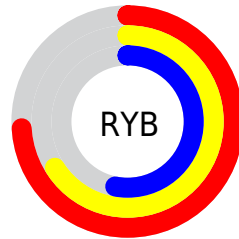
Distribution



Red (74%)

Green (61%)

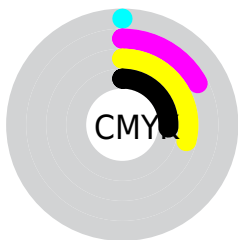
Blue (53%)



Red (74%)

Yellow (66%)

Blue (53%)

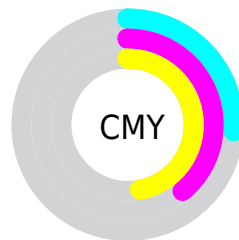


Cyan (0%)

Magenta (17%)

Yellow (29%)

Black (26%)



Cyan (26%)


Magenta (39%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3450, 0.3667, 0.3578 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 36.3450, 0.3667, 0.3578 by changing the saturation by 10% instead.


 36.3450, 0.3667,
0.3578


 36.3450, 0.3667,
0.3578


330.4660, 0.3384,
0.3433

 24.7008, 0.3742,
0.3614


 69.5642, 0.3561,
0.3526

 15.8543, 0.3840,
0.3659


 91.9080, 0.3522,
0.3506

 9.4211, 0.3975,
0.3719


 118.5871, 0.3490,
0.3489

 5.0168, 0.4170,
0.3799

149.9859, 0.3462,
0.3475

 2.2571, 0.4476,
0.3907

186.4888, 0.3439,
0.3462

 0.7509, 0.5556,
0.4444


228.4802, 0.3418,


 0.0000, 0.0000,


0.3452


0.0000


276.3444, 0.3400,
0.3442


 36.3450, 0.3667,
0.3578


 36.3450, 0.3667,
0.3578

 32.1651, 0.3915,
0.3684


 40.9918, 0.3451,
0.3473


 28.4317, 0.4195,
0.3783

 46.1148, 0.3265,
0.3372


 25.1303, 0.4503,
0.3869

 51.7295, 0.3106,
0.3277

 22.2438, 0.4827,
0.3928

 57.8492, 0.2969,
0.3188

 19.7534, 0.5150,
0.3948

 64.4865, 0.2852,
0.3107

■ 17.6385, 0.5446,
0.3920

■ 71.6537, 0.2752,
0.3033

■ 15.8726, 0.5696,
0.3843

■ 78.5426, 0.2728,
0.3093

■ 15.6424, 0.5731,
0.3831

■ 85.4467, 0.2740,
0.3219

■ 89.5585, 0.2747,
0.3289

Harmonies

Analogous

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



36.3450, 0.3630, 0.3358



36.3450, 0.3667, 0.3578



36.3450, 0.3552, 0.3735

Triad

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



36.3450, 0.3667, 0.3578



36.3450, 0.2805, 0.3447



36.3450, 0.2916, 0.2848

Complementary

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



36.3450, 0.3667, 0.3578



36.8423, 0.2687, 0.2982

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.



36.3450, 0.2710, 0.2853



36.3450, 0.3667, 0.3578



36.3450, 0.2648, 0.3187

Square

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



36.3450, 0.3667, 0.3578



36.3450, 0.3051, 0.3669



36.3450, 0.2614, 0.2972



36.3450, 0.3187, 0.2949

Rectangle

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



36.3450, 0.3667, 0.3578



36.3450, 0.3409, 0.3777



36.3450, 0.2614, 0.2972



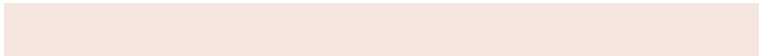
36.3450, 0.2837, 0.2837

Sweetspot

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



36.3467, 0.3667, 0.3578



82.0284, 0.3275, 0.3378



30.9941, 0.3372, 0.2844



17.3422, 0.3301, 0.3392



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



36.3467, 0.3667, 0.3578



60.5146, 0.3812, 0.3642



46.3125, 0.3573, 0.3918



10.1281, 0.3279, 0.3380



10.6638, 0.5708, 0.3850



0.5455, 0.5264, 0.4202

Inverse Universe

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



36.8423, 0.2687, 0.2982



61.5315, 0.2595, 0.2907



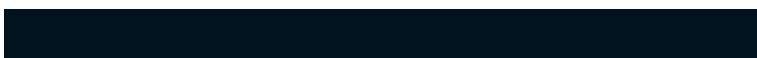
27.9741, 0.2644, 0.2572



10.1699, 0.2984, 0.3199



10.9589, 0.1884, 0.1980



0.5528, 0.1980, 0.2329

Previews

White Background



This preview shows how the Yxy color 36.3450, 0.3667, 0.3578 looks on a white background.

Color Contrast Check

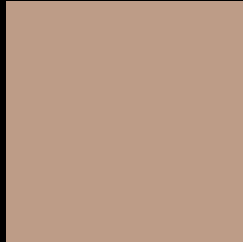
Large Text (above 18pt) WCAG AA × Fail

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 36.3450, 0.3667, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

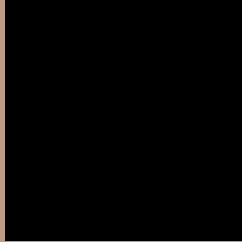
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3450, 0.3667, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 36.3450, 0.3667, 0.3578.



This preview shows how white text looks on a background with the Yxy color 36.3450, 0.3667, 0.3578.

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

36.3450, 0.3667, 0.3578

Protanopia

36.3336, 0.3434, 0.3638

Deuteranopia

36.2176, 0.3657, 0.3580



Tritanopia

36.3433, 0.3418, 0.3132

Trichromacy



Original Color

36.3450, 0.3667, 0.3578

Protanomaly

36.4127, 0.3520, 0.3616

Deuteranomaly

36.2176, 0.3657, 0.3580

Tritanomaly

36.1587, 0.3516, 0.3291

Monochromacy



Original Color

36.3450, 0.3667, 0.3578

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2122, 0.3308, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3450, 0.3667, 0.3578 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(189, 156, 135)` looks like.

```
.text, #text, p{  
    color:rgb(189, 156, 135)  
}
```

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(189, 156, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 156, 135) }
```

Border

The CSS property to change the border of an element to Yxy 36.3450, 0.3667, 0.3578 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(189, 156, 135) }
```

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

```
.border{ border-color:rgb(189, 156, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 156, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 156, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 156, 135);  
box-shadow:4px 4px 4px 4px rgb(189, 156,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3450, 0.3667, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 156, 135) }
```

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

```
.background{ background-color: rgb(189,  
156, 135) }
```

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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