

Converting Colors

$Yxy(36.4859, 0.3666, 0.3543)$

Have a look what the booklet for
Yxy(36.4859, 0.3666, 0.3543)
contains.

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Color

Yxy(36.6594, 0.3668, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	BF9C89
RGB	191, 156, 137
RGB Percent	75%, 61%, 54%
CMY	0.2510, 0.3882, 0.4627
CMYK	0.00, 0.18, 0.28, 0.25
HSL	21°, 30%, 64%
HSV	21°, 28%, 75%
XYZ	37.8886, 36.6594, 28.7470
YIQ	164.2990, 26.9590, 1.5110

Conversions

Conversions Part 2

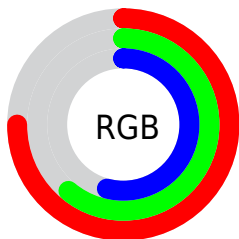
Format	Color
RYB	191, 166, 137
Decimal	12557449
CIELab	67.02, 10.13, 14.83
CIElCh	67, 17.966, 55.662
Yxy	36.6594, 0.3668, 0.3549
Android (android.graphics.Color)	4290747529 (0xFFBF9C89)
YUV	164.2990, -13.4584, 23.4168
Hunter-Lab	60.5470, 5.7430, 14.2327

Details

The Yxy color **36.6594, 0.3668, 0.3549** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **38.5816, 0.2694, 0.3015**, and the grayscale version is **37.3306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2627, 0.3564, 0.3512**, and **16.1096, 0.3847, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **32.2159, 0.3922, 0.3645**, and if you desaturate by 10%, it is **41.6266, 0.3449, 0.3453**.

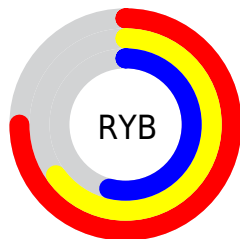
Distribution



Red (75%)

Green (61%)

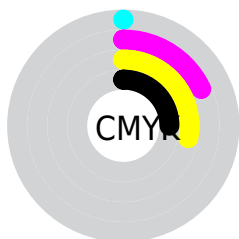
Blue (54%)



Red (75%)

Yellow (65%)

Blue (54%)

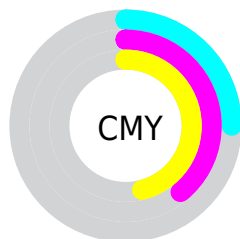


Cyan (0%)

Magenta (18%)

Yellow (28%)

Black (25%)



Cyan (25%)


Magenta (39%)


Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.6594, 0.3668, 0.3549 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 36.6594, 0.3668, 0.3549 by changing the saturation by 10% instead.


 36.6594, 0.3668,
0.3549


 36.6594, 0.3668,
0.3549


331.8336, 0.3385,
0.3420


 24.9439, 0.3743,
0.3581


 70.0486, 0.3562,
0.3502

 16.0353, 0.3841,
0.3621


 92.4911, 0.3523,
0.3485

 9.5491, 0.3976,
0.3673


 119.2781, 0.3491,
0.3470

 5.1010, 0.4172,
0.3742

150.7939, 0.3463,
0.3457

 2.3067, 0.4479,
0.3834

187.4230, 0.3439,
0.3446

 0.7772, 0.5613,
0.4387


229.5497, 0.3419,


 0.0000, 0.0000,


0.3436

0.0000


277.5584, 0.3401,
0.3428


 36.6594, 0.3668,
0.3549


 36.6594, 0.3668,
0.3549


 32.2159, 0.3922,
0.3645


 41.6266, 0.3449,
0.3453


 28.2734, 0.4212,
0.3736


 47.1292, 0.3261,
0.3362


 24.8146, 0.4533,
0.3813

 53.1850, 0.3101,
0.3276

 21.8195, 0.4874,
0.3864

 59.8094, 0.2966,
0.3196

 19.2664, 0.5216,
0.3879

 67.0169, 0.2850,
0.3123

■ 17.1313, 0.5529,
0.3845

■ 74.8217, 0.2751,
0.3056

■ 15.3845, 0.5789,
0.3766

■ 82.1847, 0.2745,
0.3156

■ 15.1166, 0.5832,
0.3751

■ 89.8156, 0.2757,
0.3289

Harmonies

Analogous

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



36.6594, 0.3611, 0.3326



36.6594, 0.3668, 0.3549



36.6594, 0.3573, 0.3717

Triad

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



36.6594, 0.3668, 0.3549



36.6594, 0.2836, 0.3481



36.6594, 0.2884, 0.2844

Complementary

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



36.6594, 0.3668, 0.3549



38.5816, 0.2694, 0.3015

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.



36.6594, 0.2692, 0.2865



36.6594, 0.3668, 0.3549



36.6594, 0.2665, 0.3222

Square

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



36.6594, 0.3668, 0.3549



36.6594, 0.3088, 0.3689



36.6594, 0.2614, 0.2998



36.6594, 0.3148, 0.2932

Rectangle

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



36.6594, 0.3668, 0.3549



36.6594, 0.3440, 0.3770



36.6594, 0.2614, 0.2998



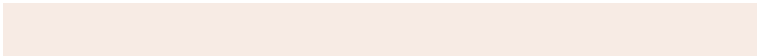
36.6594, 0.2809, 0.2839

Sweetspot

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



36.6611, 0.3668, 0.3549



84.5611, 0.3259, 0.3360



31.9503, 0.3350, 0.2825



18.2246, 0.3285, 0.3374



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.



36.6611, 0.3668, 0.3549



60.5655, 0.3823, 0.3609



46.7056, 0.3575, 0.3891



10.0710, 0.3280, 0.3371



10.0735, 0.5808, 0.3770



0.5192, 0.5343, 0.4140

Inverse Universe

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



38.5816, 0.2694, 0.3015



64.5630, 0.2599, 0.2944



29.3622, 0.2652, 0.2608



10.2289, 0.2985, 0.3207



12.0641, 0.1919, 0.2110



0.5912, 0.2007, 0.2425

Previews

White Background



This preview shows how the Yxy color 36.6594, 0.3668, 0.3549 looks on a white background.

Color Contrast Check

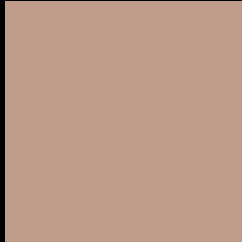
Large Text (above 18pt) WCAG AA × Fail

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 36.6594, 0.3668, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

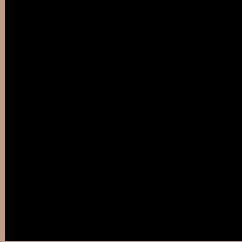
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6594, 0.3668, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 36.6594, 0.3668, 0.3549.



This preview shows how white text looks on a background with the Yxy color 36.6594, 0.3668, 0.3549.

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

36.6594, 0.3668, 0.3549

Protanopia

36.7458, 0.3413, 0.3622

Deuteranopia

36.6115, 0.3633, 0.3565



Tritanopia

36.6061, 0.3438, 0.3133

Trichromacy



Original Color

36.6594, 0.3668, 0.3549

Protanomaly

36.4707, 0.3501, 0.3588

Deuteranomaly

36.7389, 0.3644, 0.3564

Tritanomaly

36.4530, 0.3526, 0.3278

Monochromacy



Original Color

36.6594, 0.3668, 0.3549

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.8215, 0.3317, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6594, 0.3668, 0.3549 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(191, 156, 137)` looks like.

```
.text, #text, p{  
    color:rgb(191, 156, 137)  
}
```

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(191, 156, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 156, 137) }
```

Border

The CSS property to change the border of an element to Yxy 36.6594, 0.3668, 0.3549 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(191, 156, 137) }
```

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

```
.border{ border-color:rgb(191, 156, 137) }
```

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

Here you see how a box with a 4 pixel rgb(191, 156, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 156, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 156, 137);  
box-shadow:4px 4px 4px 4px rgb(191, 156,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6594, 0.3668, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 156, 137) }
```

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

```
.background{ background-color: rgb(191,  
156, 137) }
```

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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