

Converting Colors

$Yxy(36.5987, 0.3693, 0.3633)$

Have a look what the booklet for
Yxy(36.5987, 0.3693, 0.3633)
contains.

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Color

Yxy(36.5987, 0.3693, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	BD9D84
RGB	189, 157, 132
RGB Percent	74%, 62%, 52%
CMY	0.2589, 0.3843, 0.4823
CMYK	0.00, 0.17, 0.30, 0.26
HSL	26°, 30%, 63%
HSV	26°, 30%, 74%
XYZ	37.2031, 36.5987, 26.9378
YIQ	163.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

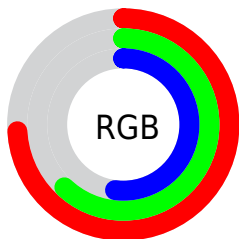
Format	Color
RYB	189, 177, 132
Decimal	12426628
CIELab	66.97, 8.10, 17.51
CIELCh	67, 19.289, 65.172
Yxy	36.5987, 0.3693, 0.3633
Android (android.graphics.Color)	4290616708 (0xFFBD9D84)
YUV	163.7180, -15.6370, 22.1723
Hunter-Lab	60.4969, 3.9008, 15.9474

Details

The Yxy color **36.5987, 0.3693, 0.3633** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.1190, 0.2657, 0.2919**, and the grayscale version is **37.0495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1826, 0.3583, 0.3577**, and **16.0682, 0.3882, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **32.6953, 0.3936, 0.3751**, and if you desaturate by 10%, it is **40.9105, 0.3478, 0.3515**.

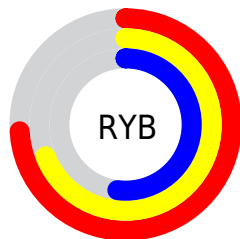
Distribution



Red (74%)

Green (62%)

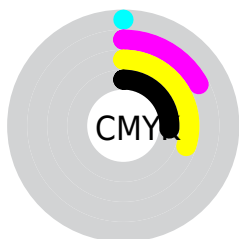
Blue (52%)



Red (74%)

Yellow (69%)

Blue (52%)

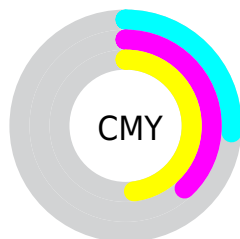


Cyan (0%)

Magenta (17%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (38%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5987, 0.3693, 0.3633 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 36.5987, 0.3693, 0.3633 by changing the saturation by 10% instead.


 36.5987, 0.3693,
0.3633


 36.5987, 0.3693,
0.3633


331.5698, 0.3397,
0.3460

 24.8969, 0.3771,
0.3676


 69.9552, 0.3583,
0.3570

 16.0003, 0.3873,
0.3730


 92.3786, 0.3542,
0.3547

 9.5244, 0.4012,
0.3802


 119.1448, 0.3508,
0.3527

 5.0847, 0.4212,
0.3898

150.6380, 0.3479,
0.3510

 2.2971, 0.4525,
0.4032

187.2428, 0.3454,
0.3495

 0.7722, 0.5477,
0.4523

229.3434, 0.3433,

 0.0000, 0.0000,

0.3482

0.0000

277.3243, 0.3414,
0.3470

■ 36.5987, 0.3693,
0.3633

■ 36.5987, 0.3693,
0.3633

■ 32.6953, 0.3936,
0.3751

■ 40.9105, 0.3478,
0.3515

■ 29.1823, 0.4206,
0.3862

■ 45.6380, 0.3291,
0.3400

■ 26.0477, 0.4498,
0.3956


■ 50.7945, 0.3129,
0.3291

■ 23.2769, 0.4800,
0.4021


■ 56.3911, 0.2989,
0.3191


■ 20.8537, 0.5095,
0.4045


■ 62.4387, 0.2869,
0.3097


 18.7605, 0.5362,
0.4017

 68.9476, 0.2764,
0.3012

 16.9939, 0.5588,
0.3945

 75.3148, 0.2722,
0.3030

 81.4383, 0.2733,
0.3147

 87.9275, 0.2744,
0.3262

Harmonies

Analogous

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



36.5987, 0.3684, 0.3406



36.5987, 0.3693, 0.3633



36.5987, 0.3544, 0.3783

Triad

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



36.5987, 0.3693, 0.3633



36.5987, 0.2745, 0.3408



36.5987, 0.2950, 0.2831

Complementary

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



36.5987, 0.3693, 0.3633



35.1190, 0.2657, 0.2919

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.



36.5987, 0.2714, 0.2814



36.5987, 0.3693, 0.3633



36.5987, 0.2600, 0.3132

Square

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



36.5987, 0.3693, 0.3633



36.5987, 0.2993, 0.3661



36.5987, 0.2589, 0.2918



36.5987, 0.3244, 0.2957

Rectangle

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



36.5987, 0.3693, 0.3633



36.5987, 0.3379, 0.3812



36.5987, 0.2589, 0.2918



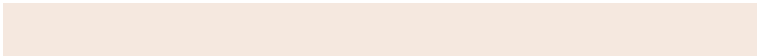
36.5987, 0.2862, 0.2813

Sweetspot

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



36.6004, 0.3693, 0.3633



82.6526, 0.3274, 0.3389



30.0120, 0.3421, 0.2855



17.4960, 0.3299, 0.3405



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.



36.6004, 0.3693, 0.3633



60.9900, 0.3846, 0.3709



47.2514, 0.3589, 0.3988



10.2069, 0.3278, 0.3391



11.5849, 0.5566, 0.3962



0.5842, 0.5157, 0.4287

Inverse Universe

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



35.1190, 0.2657, 0.2919



57.9135, 0.2556, 0.2826



26.1346, 0.2609, 0.2481



10.0893, 0.2984, 0.3187



9.5670, 0.1835, 0.1804



0.5030, 0.1943, 0.2196

Previews

White Background



This preview shows how the Yxy color 36.5987, 0.3693, 0.3633 looks on a white background.

Color Contrast Check

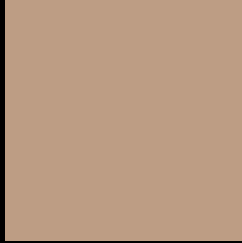
Large Text (above 18pt) WCAG AA × Fail

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 36.5987, 0.3693, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

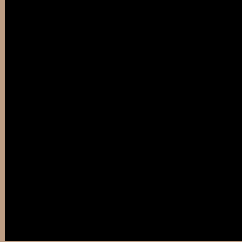
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5987, 0.3693, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 36.5987, 0.3693, 0.3633.



This preview shows how white text looks on a background with the Yxy color 36.5987, 0.3693, 0.3633.

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

36.5987, 0.3693, 0.3633

Protanopia

36.7143, 0.3470, 0.3694

Deuteranopia

36.7270, 0.3704, 0.3632



Tritanopia

36.4743, 0.3428, 0.3132

Trichromacy



Original Color

36.5987, 0.3693, 0.3633

Protanomaly

36.6759, 0.3546, 0.3673

Deuteranomaly

36.7270, 0.3704, 0.3632

Tritanomaly

36.5847, 0.3534, 0.3318

Monochromacy



Original Color

36.5987, 0.3693, 0.3633

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6410, 0.3326, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5987, 0.3693, 0.3633 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, 157, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 157, 132)  
}
```

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, 157, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 157, 132) }
```

Border

The CSS property to change the border of an element to Yxy 36.5987, 0.3693, 0.3633 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, 157, 132) }
```

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

```
.border{ border-color:rgb(189, 157, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 157, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 157, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 157, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 157,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5987, 0.3693, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 157, 132) }
```

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

```
.background{ background-color: rgb(189,  
157, 132) }
```

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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