

Converting Colors

$Yxy(33.6431, 0.3731, 0.3583)$

Have a look what the booklet for
Yxy(33.6431, 0.3731, 0.3583)
contains.

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Color

Yxy(33.4925, 0.3735, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	BA9580
RGB	186, 149, 128
RGB Percent	73%, 58%, 50%
CMY	0.2705, 0.4157, 0.4981
CMYK	0.00, 0.20, 0.31, 0.27
HSL	22°, 30%, 62%
HSV	22°, 31%, 73%
XYZ	34.8939, 33.4925, 25.0376
YIQ	157.6690, 28.7930, 1.3130

Conversions

Conversions Part 2

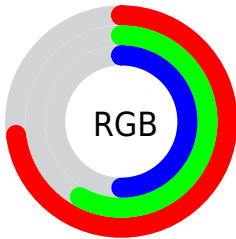
Format	Color
R _Y B	186, 161, 128
Decimal	12227968
CIE Lab	64.56, 10.79, 16.36
CIE LCh	65, 19.599, 56.603
Yxy	33.4925, 0.3735, 0.3585
Android (android.graphics.Color)	4290418048 (0xFFBA9580)
YUV	157.6690, -14.6268, 24.8463
Hunter-Lab	57.8727, 6.3478, 14.8601

Details

The Yxy color **33.4925, 0.3735, 0.3585** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0359, 0.2649, 0.2973**, and the grayscale version is **34.0923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.1028, 0.3612, 0.3528**, and **14.2054, 0.3939, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **29.4843, 0.3997, 0.3683**, and if you desaturate by 10%, it is **37.9758, 0.3508, 0.3486**.

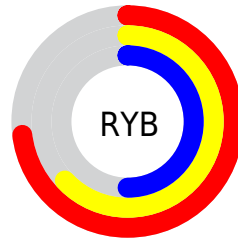
Distribution



Red (73%)

Green (58%)

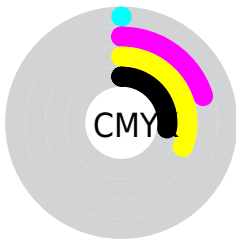
Blue (50%)



Red (73%)

Yellow (63%)

Blue (50%)

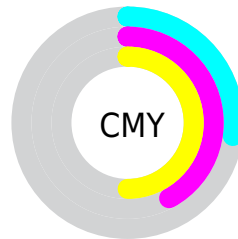


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (42%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.4925, 0.3735, 0.3585 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 33.4925, 0.3735, 0.3585 by changing the saturation by 10% instead.

 33.4925, 0.3735,
0.3585


 33.4925, 0.3735,
0.3585


317.8632, 0.3412,
0.3437

 22.5040, 0.3822,
0.3622


 65.1437, 0.3613,
0.3531

 14.2277, 0.3937,
0.3668


 86.5752, 0.3569,
0.3511

 8.2792, 0.4096,
0.3728


 112.2564, 0.3532,
0.3494

 4.2741, 0.4330,
0.3807

142.5718, 0.3500,
0.3479

 1.8281, 0.4743,
0.3940

177.9058, 0.3474,
0.3466

 0.5046, 0.5955,
0.4045

218.6428, 0.3450,

 0.0000, 0.0000,

0.3455

0.0000

265.1671, 0.3430,
0.3445

■ 33.4925, 0.3735,
0.3585

■ 33.4925, 0.3735,
0.3585

■ 29.4843, 0.3997,
0.3683

■ 37.9758, 0.3508,
0.3486

■ 25.9303, 0.4292,
0.3773

■ 42.9451, 0.3312,
0.3391

■ 22.8148, 0.4616,
0.3846


■ 48.4165, 0.3145,
0.3300


■ 20.1191, 0.4954,
0.3891

■ 54.4042, 0.3003,
0.3217

■ 17.8232, 0.5285,
0.3895

■ 60.9215, 0.2882,
0.3139


 15.9047, 0.5580,
0.3849

 67.9815, 0.2779,
0.3069

 14.5028, 0.5801,
0.3776

 75.3901, 0.2706,
0.3038

 82.2957, 0.2719,
0.3169

 89.1805, 0.2731,
0.3289

Harmonies

Analogous

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



33.4925, 0.3676, 0.3337



33.4925, 0.3735, 0.3585



33.4925, 0.3622, 0.3773

Triad

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



33.4925, 0.3735, 0.3585



33.4925, 0.2792, 0.3496



33.4925, 0.2862, 0.2794

Complementary

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



33.4925, 0.3735, 0.3585



35.0359, 0.2649, 0.2973

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.



33.4925, 0.2645, 0.2811



33.4925, 0.3735, 0.3585



33.4925, 0.2606, 0.3203

Square

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



33.4925, 0.3735, 0.3585



33.4925, 0.3072, 0.3736



33.4925, 0.2554, 0.2954



33.4925, 0.3159, 0.2895

Rectangle

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



33.4925, 0.3735, 0.3585



33.4925, 0.3469, 0.3832



33.4925, 0.2554, 0.2954



33.4925, 0.2778, 0.2785

Sweetspot

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



33.4941, 0.3735, 0.3585



79.7909, 0.3276, 0.3372



28.6137, 0.3379, 0.2777



17.2625, 0.3302, 0.3385



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.



33.4941, 0.3735, 0.3585



55.9470, 0.3899, 0.3648



43.5633, 0.3623, 0.3953



9.5307, 0.3279, 0.3373



9.8869, 0.5778, 0.3794



0.4682, 0.5282, 0.4188

Inverse Universe

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



35.0359, 0.2649, 0.2973



59.1413, 0.2553, 0.2897



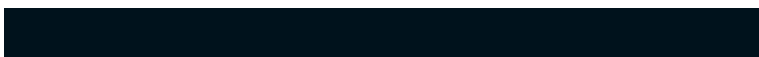
25.9326, 0.2597, 0.2526



9.6484, 0.2985, 0.3205



11.3440, 0.1910, 0.2075



0.5130, 0.2007, 0.2424

Previews

White Background



This preview shows how the Yxy color 33.4925, 0.3735, 0.3585 looks on a white background.

Color Contrast Check

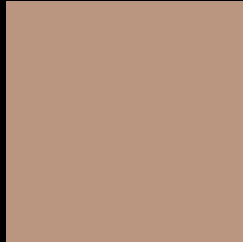
Large Text (above 18pt) WCAG AA × Fail

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 33.4925, 0.3735, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

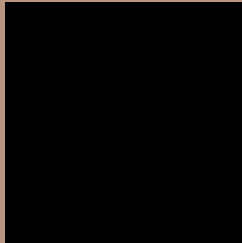
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4925, 0.3735, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 33.4925, 0.3735, 0.3585.



This preview shows how white text looks on a background with the Yxy color 33.4925, 0.3735, 0.3585.

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

33.4925, 0.3735, 0.3585

Protanopia

33.4422, 0.3445, 0.3650

Deuteranopia

33.6368, 0.3683, 0.3617



Tritanopia

33.4699, 0.3483, 0.3142

Trichromacy



Original Color

33.4925, 0.3735, 0.3585

Protanomaly

33.3054, 0.3549, 0.3612

Deuteranomaly

33.4385, 0.3698, 0.3602

Tritanomaly

33.3245, 0.3576, 0.3291

Monochromacy



Original Color

33.4925, 0.3735, 0.3585

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.8741, 0.3333, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4925, 0.3735, 0.3585 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(186, 149, 128)` looks like.

```
.text, #text, p{  
    color:rgb(186, 149, 128)  
}
```

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(186, 149, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 149, 128) }
```

Border

The CSS property to change the border of an element to Yxy 33.4925, 0.3735, 0.3585 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(186, 149, 128) }
```

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

```
.border{ border-color:rgb(186, 149, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 149, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 149, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 149, 128);  
box-shadow:4px 4px 4px 4px rgb(186, 149,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4925, 0.3735, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 149, 128) }
```

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

```
.background{ background-color: rgb(186,  
149, 128) }
```

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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