

Converting Colors

$Yxy(37.2632, 0.3390, 0.3374)$

Have a look what the booklet for
Yxy(37.2632, 0.3390, 0.3374)
contains.

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Color

Yxy(37.2985, 0.3388, 0.3374)

Conversions

Conversions Part 1

Format	Color
Hex	B5A09A
RGB	181, 160, 154
RGB Percent	71%, 63%, 60%
CMY	0.2903, 0.3725, 0.3961
CMYK	0.00, 0.12, 0.15, 0.29
HSL	13°, 15%, 66%
HSV	13°, 15%, 71%
XYZ	37.4533, 37.2985, 35.7951
YIQ	165.5950, 14.4420, 2.5860

Conversions

Conversions Part 2

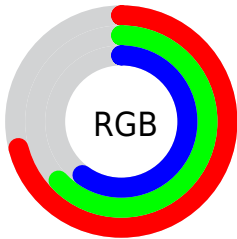
Format	Color
R _Y B	181, 162, 154
Decimal	11903130
CIE Lab	67.50, 6.65, 5.93
CIE LCh	68, 8.913, 41.729
Yxy	37.2985, 0.3388, 0.3374
Android (android.graphics.Color)	4290093210 (0xFFB5A09A)
YUV	165.5950, -5.7163, 13.5102
Hunter-Lab	61.0725, 2.5899, 8.0004

Details

The Yxy color **37.2985, 0.3388, 0.3374** is a light color, and the websafe version is hex **999999**. A complement of this color would be **40.8431, 0.2902, 0.3204**, and the grayscale version is **37.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.1595, 0.3339, 0.3365**, and **16.5057, 0.3471, 0.3406** is the 20% darker color. If you saturate the color by 10%, you get **32.1399, 0.3607, 0.3435**, and if you desaturate by 10%, it is **43.1024, 0.3205, 0.3317**.

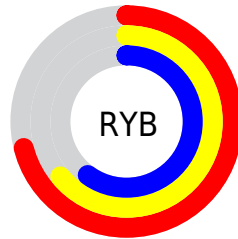
Distribution



Red (71%)

Green (63%)

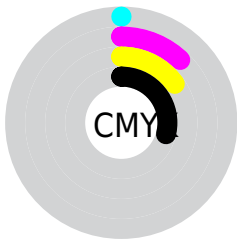
Blue (60%)



Red (71%)

Yellow (64%)

Blue (60%)

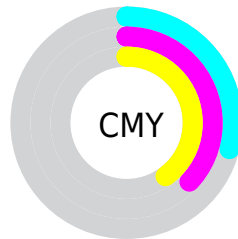


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (29%)



Cyan (29%)


Magenta (37%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.2985, 0.3388, 0.3374 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 37.2985, 0.3388, 0.3374 by changing the saturation by 10% instead.

 37.2985, 0.3388,
0.3374


 37.2985, 0.3388,
0.3374


334.6011, 0.3252,
0.3332

 25.4387, 0.3424,
0.3385


 71.0316, 0.3337,
0.3359

 16.4042, 0.3471,
0.3398


 93.6738, 0.3319,
0.3353

 9.8106, 0.3536,
0.3416


120.6788, 0.3303,
0.3348

 5.2736, 0.3632,
0.3442

152.4311, 0.3290,
0.3344

 2.4087, 0.3785,
0.3479

189.3151, 0.3278,
0.3340

 0.8303, 0.4202,
0.3648


231.7151, 0.3268,

 0.0000, 0.0000,


0.3337


0.0000


280.0157, 0.3260,
0.3334


 37.2985, 0.3388,
0.3374


 37.2985, 0.3388,
0.3374


 32.1399, 0.3607,
0.3435


 43.1024, 0.3205,
0.3317


 27.5994, 0.3869,
0.3496


 49.5679, 0.3053,
0.3263


 23.6549, 0.4178,
0.3555

 56.7168, 0.2926,
0.3215

 20.2814, 0.4531,
0.3606

 64.5684, 0.2820,
0.3170

 17.4518, 0.4921,
0.3640

 73.1415, 0.2731,
0.3130

■ 15.1368, 0.5322,
0.3646

■ 81.9562, 0.2693,
0.3173

■ 13.3044, 0.5697,
0.3618

■ 88.5596, 0.2706,
0.3289

■ 11.9182, 0.6001,
0.3551

■ 11.3643, 0.6130,
0.3515

Harmonies

Analogous

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



37.2985, 0.3327, 0.3258



37.2985, 0.3388, 0.3374



37.2985, 0.3377, 0.3471

Triad

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



37.2985, 0.3388, 0.3374



37.2985, 0.3039, 0.3435



37.2985, 0.2956, 0.3064

Complementary

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



37.2985, 0.3388, 0.3374



40.8431, 0.2902, 0.3204

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.



37.2985, 0.2883, 0.3105



37.2985, 0.3388, 0.3374



37.2985, 0.2930, 0.3318

Square

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



37.2985, 0.3388, 0.3374



37.2985, 0.3174, 0.3510



37.2985, 0.2873, 0.3197



37.2985, 0.3076, 0.3082

Rectangle

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



37.2985, 0.3388, 0.3374



37.2985, 0.3331, 0.3512



37.2985, 0.2873, 0.3197



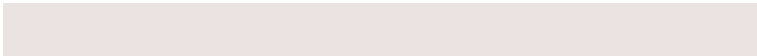
37.2985, 0.2925, 0.3071

Sweetspot

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



37.3002, 0.3388, 0.3374



78.1506, 0.3191, 0.3312



36.0296, 0.3198, 0.3004



16.7133, 0.3204, 0.3316



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.3002, 0.3388, 0.3374



63.5633, 0.3458, 0.3394



42.1644, 0.3361, 0.3553



8.8028, 0.3282, 0.3341



7.9253, 0.6110, 0.3531



0.3367, 0.5578, 0.3953

Inverse Universe

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



40.8431, 0.2902, 0.3204



71.1741, 0.2851, 0.3183



35.9177, 0.2895, 0.3012



9.3033, 0.2986, 0.3238



15.4565, 0.2046, 0.2565



0.5659, 0.2108, 0.2790

Previews

White Background



This preview shows how the Yxy color 37.2985, 0.3388, 0.3374 looks on a white background.

Color Contrast Check

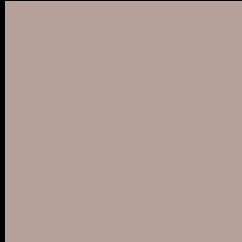
Large Text (above 18pt) WCAG AA × Fail

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 37.2985, 0.3388, 0.3374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

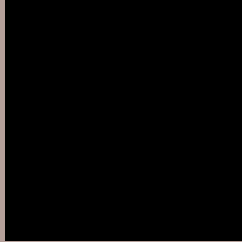
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.2985, 0.3388, 0.3374

Background



This preview shows how black text looks on a background with the Yxy color 37.2985, 0.3388, 0.3374.



This preview shows how white text looks on a background with the Yxy color 37.2985, 0.3388, 0.3374.

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

37.2985, 0.3388, 0.3374

Protanopia

37.3862, 0.3245, 0.3404

Deuteranopia

37.3197, 0.3420, 0.3359



Tritanopia

37.4233, 0.3261, 0.3128

Trichromacy



Original Color

37.2985, 0.3388, 0.3374

Protanomaly

37.4452, 0.3295, 0.3403

Deuteranomaly

37.1966, 0.3410, 0.3360

Tritanomaly

37.4217, 0.3306, 0.3222

Monochromacy



Original Color

37.2985, 0.3388, 0.3374

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8175, 0.3211, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.2985, 0.3388, 0.3374 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(181, 160, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 160, 154)  
}
```

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(181, 160, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 160, 154) }
```

Border

The CSS property to change the border of an element to Yxy 37.2985, 0.3388, 0.3374 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(181, 160, 154) }
```

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

```
.border{ border-color:rgb(181, 160, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 160, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 160, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 160, 154);  
box-shadow:4px 4px 4px 4px rgb(181, 160,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 37.2985, 0.3388, 0.3374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 160, 154) }
```

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

```
.background{ background-color: rgb(181,  
160, 154) }
```

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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