

Converting Colors

$Yxy(37.1594, 0.3493, 0.3338)$

Have a look what the booklet for
Yxy(37.1594, 0.3493, 0.3338)
contains.

Yxy(37.3610, 0.3495, 0.3345)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(37.3610, 0.3495, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	BE9D99
RGB	190, 157, 153
RGB Percent	75%, 62%, 60%
CMY	0.2550, 0.3842, 0.4000
CMYK	0.00, 0.17, 0.19, 0.26
HSL	7°, 22%, 67%
HSV	7°, 19%, 74%
XYZ	39.0364, 37.3610, 35.2947
YIQ	166.4110, 20.9520, 5.7520

Conversions

Conversions Part 2

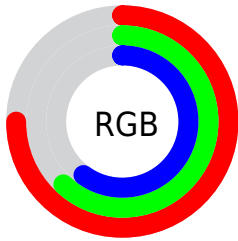
Format	Color
R_{YB}	190, 157, 153
Decimal	12492185
CIE _{Lab}	67.55, 11.54, 6.66
CIE _{LCh}	68, 13.328, 29.977
Yxy	37.3610, 0.3495, 0.3345
Android (android.graphics.Color)	4290682265 (0xFFBE9D99)
YUV	166.4110, -6.6116, 20.6876
Hunter-Lab	61.1236, 7.0320, 8.5507

Details

The Yxy color **37.3610, 0.3495, 0.3345** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.5908, 0.2836, 0.3234**, and the grayscale version is **38.3674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3661, 0.3427, 0.3343**, and **16.5016, 0.3611, 0.3366** is the 20% darker color. If you saturate the color by 10%, you get **31.4439, 0.3749, 0.3376**, and if you desaturate by 10%, it is **44.1760, 0.3288, 0.3316**.

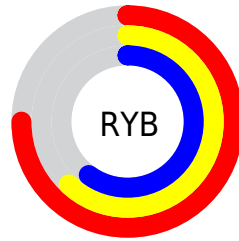
Distribution



Red (75%)

Green (62%)

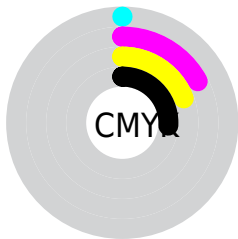
Blue (60%)



Red (75%)

Yellow (62%)

Blue (60%)

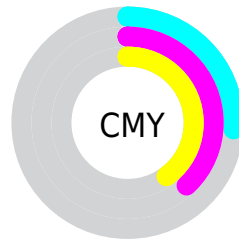


Cyan (0%)

Magenta (17%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (38%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3610, 0.3495, 0.3345 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 37.3610, 0.3495, 0.3345 by changing the saturation by 10% instead.


 37.3610, 0.3495,
0.3345


 37.3610, 0.3495,
0.3345


334.8708, 0.3303,
0.3319

 25.4871, 0.3546,
0.3351


 71.1277, 0.3423,
0.3336

 16.4403, 0.3613,
0.3358

 93.7892, 0.3397,
0.3332

 9.8363, 0.3705,
0.3367


120.8155, 0.3375,
0.3329

 5.2905, 0.3840,
0.3377

152.5908, 0.3356,
0.3327

 2.4187, 0.4055,
0.3388

189.4996, 0.3340,
0.3325

 0.8355, 0.4619,
0.3514

231.9263, 0.3326,


 0.0000, 1.0000,


0.3322


0.0000


280.2552, 0.3314,
0.3321


 0.0000, 0.0000,
0.0000


 37.3610, 0.3495,
0.3345


 37.3610, 0.3495,
0.3345


 31.4439, 0.3749,
0.3376

 44.1760, 0.3288,
0.3316


 26.3823, 0.4056,
0.3406

 51.9188, 0.3119,
0.3289


 22.1381, 0.4421,
0.3433

 60.6242, 0.2981,
0.3264

 18.6684, 0.4838,
0.3452

 70.3237, 0.2868,
0.3241

 15.9262, 0.5283,
0.3458

 81.0474, 0.2775,
0.3221

■ 13.8595, 0.5713,
0.3446

■ 89.6830, 0.2752,
0.3289

■ 12.4091, 0.6066,
0.3412

■ 11.5008, 0.6303,
0.3370

■ 11.4645, 0.6314,
0.3369

Harmonies

Analogous

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



37.3610, 0.3366, 0.3176



37.3610, 0.3495, 0.3345



37.3610, 0.3521, 0.3507

Triad

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



37.3610, 0.3495, 0.3345



37.3610, 0.3071, 0.3563



37.3610, 0.2820, 0.2967

Complementary

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



37.3610, 0.3495, 0.3345



45.5908, 0.2836, 0.3234

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.



37.3610, 0.2748, 0.3057



37.3610, 0.3495, 0.3345



37.3610, 0.2890, 0.3404

Square

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



37.3610, 0.3495, 0.3345



37.3610, 0.3273, 0.3641



37.3610, 0.2773, 0.3217



37.3610, 0.2974, 0.2962

Rectangle

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



37.3610, 0.3495, 0.3345



37.3610, 0.3477, 0.3589



37.3610, 0.2773, 0.3217



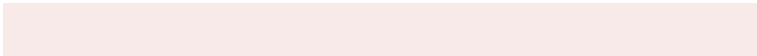
37.3610, 0.2786, 0.2988

Sweetspot

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



37.3627, 0.3495, 0.3345



84.6058, 0.3227, 0.3306



37.2854, 0.3183, 0.2859



18.3799, 0.3239, 0.3308



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.



37.3627, 0.3495, 0.3345



63.3390, 0.3588, 0.3357



43.9750, 0.3451, 0.3583



9.6984, 0.3286, 0.3316



7.6845, 0.6300, 0.3380



0.3571, 0.5986, 0.3629

Inverse Universe

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



45.5908, 0.2836, 0.3234



80.7621, 0.2781, 0.3222



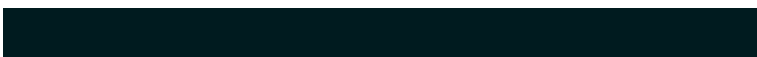
38.4184, 0.2821, 0.2978



10.6280, 0.2985, 0.3264



21.5101, 0.2153, 0.2950



0.8937, 0.2177, 0.3038

Previews

White Background



This preview shows how the Yxy color 37.3610, 0.3495, 0.3345 looks on a white background.

Color Contrast Check

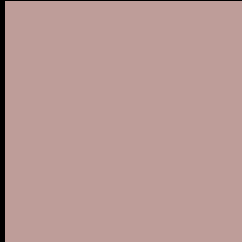
Large Text (above 18pt) WCAG AA × Fail

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 37.3610, 0.3495, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

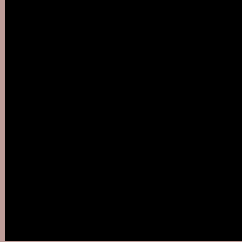
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3610, 0.3495, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 37.3610, 0.3495, 0.3345.



This preview shows how white text looks on a background with the Yxy color 37.3610, 0.3495, 0.3345.

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

37.3610, 0.3495, 0.3345

Protanopia

37.4203, 0.3236, 0.3390

Deuteranopia

37.4105, 0.3440, 0.3373



Tritanopia

37.4392, 0.3383, 0.3132

Trichromacy



Original Color

37.3610, 0.3495, 0.3345

Protanomaly

37.2371, 0.3328, 0.3360

Deuteranomaly

37.3184, 0.3463, 0.3359

Tritanomaly

37.4619, 0.3420, 0.3211

Monochromacy



Original Color

37.3610, 0.3495, 0.3345

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.8816, 0.3259, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3610, 0.3495, 0.3345 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(190, 157, 153)` looks like.

```
.text, #text, p{  
    color:rgb(190, 157, 153)  
}
```

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(190, 157, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 157, 153) }
```

Border

The CSS property to change the border of an element to Yxy 37.3610, 0.3495, 0.3345 is called "border". The border property can be set on classes, ids or directly on the HTML element.

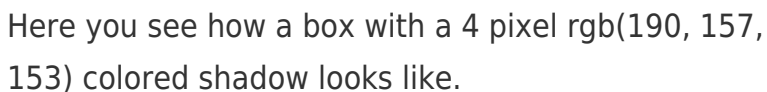
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(190, 157, 153) }
```

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

```
.border{ border-color:rgb(190, 157, 153) }
```

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



Here you see how a box with a 4 pixel `rgb(190, 157, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 157, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 157, 153); box-shadow:4px 4px 4px 4px rgb(190, 157, 153) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3610, 0.3495, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 157, 153) }
```

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

```
.background{ background-color: rgb(190,  
157, 153) }
```

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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