

Converting Colors

$Yxy(37.1667, 0.3457, 0.3397)$

Have a look what the booklet for
Yxy(37.1667, 0.3457, 0.3397)
contains.

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Color

Yxy(37.3449, 0.3459, 0.3401)

Conversions

Conversions Part 1

Format	Color
Hex	B99F97
RGB	185, 159, 151
RGB Percent	73%, 62%, 59%
CMY	0.2747, 0.3764, 0.4079
CMYK	0.00, 0.14, 0.18, 0.27
HSL	14°, 20%, 66%
HSV	14°, 18%, 73%
XYZ	37.9818, 37.3449, 34.4790
YIQ	165.8620, 18.0640, 3.0240

Conversions

Conversions Part 2

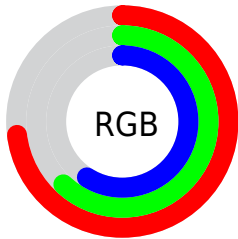
Format	Color
R_{YB}	185, 161, 151
Decimal	12165015
CIE Lab	67.53, 8.22, 7.71
CIE LCh	68, 11.266, 43.153
Yxy	37.3449, 0.3459, 0.3401
Android (android.graphics.Color)	4290355095 (0xFFB99F97)
YUV	165.8620, -7.3270, 16.7840
Hunter-Lab	61.1105, 3.9991, 9.3255

Details

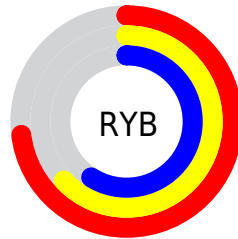
The Yxy color **37.3449, 0.3459, 0.3401** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4893, 0.2849, 0.3176**, and the grayscale version is **38.0909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2017, 0.3393, 0.3386**, and **16.5508, 0.3573, 0.3443** is the 20% darker color. If you saturate the color by 10%, you get **32.2094, 0.3691, 0.3466**, and if you desaturate by 10%, it is **43.1328, 0.3265, 0.3339**.

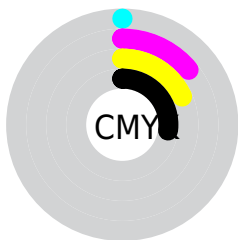
Distribution



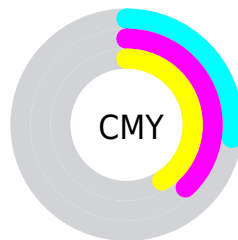
- Red (73%)
- Green (62%)
- Blue (59%)



- Red (73%)
- Yellow (63%)
- Blue (59%)



- Cyan (0%)
- Magenta (14%)
- Yellow (18%)
- Black (27%)





- Cyan (27%)
- Magenta (38%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.3449, 0.3459, 0.3401 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 37.3449, 0.3459, 0.3401 by changing the saturation by 10% instead.


 37.3449, 0.3459,
0.3401


 37.3449, 0.3459,
0.3401


334.8013, 0.3286,
0.3346

 25.4746, 0.3505,
0.3415


 71.1029, 0.3394,
0.3381

 16.4310, 0.3565,
0.3432


 93.7595, 0.3371,
0.3373

 9.8297, 0.3648,
0.3455


120.7803, 0.3351,
0.3367

 5.2862, 0.3769,
0.3487

152.5497, 0.3334,
0.3361

 2.4161, 0.3963,
0.3532

189.4521, 0.3319,
0.3357

 0.8342, 0.4545,
0.3780


231.8719, 0.3307,


 0.0000, 0.0000,

0.3353


0.0000


280.1935, 0.3296,
0.3349


 37.3449, 0.3459,
0.3401

 37.3449, 0.3459,
0.3401

 32.2094, 0.3691,
0.3466


 43.1328, 0.3265,
0.3339


 27.6982, 0.3967,
0.3531


 49.5898, 0.3103,
0.3281


 23.7887, 0.4289,
0.3591

 56.7383, 0.2967,
0.3227

 20.4549, 0.4652,
0.3640

 64.5983, 0.2854,
0.3179

 17.6690, 0.5044,
0.3668

 73.1886, 0.2759,
0.3134

■ 15.4006, 0.5437,
0.3664

■ 82.0715, 0.2714,
0.3167

■ 13.6161, 0.5789,
0.3622

■ 89.0481, 0.2726,
0.3289

■ 12.2744, 0.6064,
0.3546

■ 12.0918, 0.6105,
0.3534

Harmonies

Analogous

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



37.3449, 0.3386, 0.3255



37.3449, 0.3459, 0.3401



37.3449, 0.3440, 0.3523

Triad

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



37.3449, 0.3459, 0.3401



37.3449, 0.3008, 0.3467



37.3449, 0.2917, 0.3005

Complementary

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



37.3449, 0.3459, 0.3401



41.4893, 0.2849, 0.3176

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.



37.3449, 0.2822, 0.3052



37.3449, 0.3459, 0.3401



37.3449, 0.2874, 0.3318

Square

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



37.3449, 0.3459, 0.3401



37.3449, 0.3177, 0.3567



37.3449, 0.2807, 0.3165



37.3449, 0.3070, 0.3031

Rectangle

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



37.3449, 0.3459, 0.3401



37.3449, 0.3379, 0.3573



37.3449, 0.2807, 0.3165



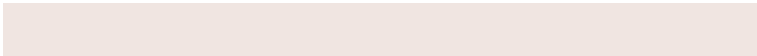
37.3449, 0.2878, 0.3012

Sweetspot

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



37.3466, 0.3459, 0.3401



79.8107, 0.3225, 0.3325



35.6128, 0.3222, 0.2942



17.0501, 0.3236, 0.3329



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



37.3466, 0.3459, 0.3401



63.1104, 0.3547, 0.3427



43.5511, 0.3419, 0.3625



9.3480, 0.3282, 0.3345



8.3341, 0.6084, 0.3551



0.3917, 0.5576, 0.3954

Inverse Universe

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



41.4893, 0.2849, 0.3176



71.8939, 0.2790, 0.3149



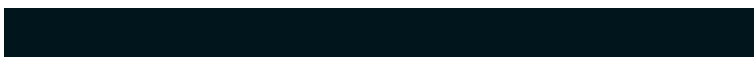
35.2359, 0.2836, 0.2931



9.8407, 0.2985, 0.3235



15.5181, 0.2033, 0.2518



0.6357, 0.2094, 0.2739

Previews

White Background



This preview shows how the Yxy color 37.3449, 0.3459, 0.3401 looks on a white background.

Color Contrast Check

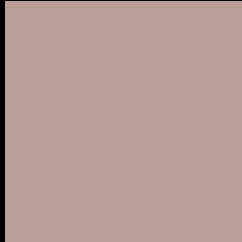
Large Text (above 18pt) WCAG AA × Fail

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 37.3449, 0.3459, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

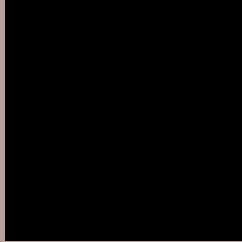
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3449, 0.3459, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 37.3449, 0.3459, 0.3401.



This preview shows how white text looks on a background with the Yxy color 37.3449, 0.3459, 0.3401.

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

37.3449, 0.3459, 0.3401

Protanopia

37.4301, 0.3273, 0.3433

Deuteranopia

37.4697, 0.3470, 0.3400



Tritanopia

37.2063, 0.3312, 0.3117

Trichromacy



Original Color

37.3449, 0.3459, 0.3401

Protanomaly

37.2545, 0.3334, 0.3417

Deuteranomaly

37.4697, 0.3470, 0.3400

Tritanomaly

37.1617, 0.3368, 0.3223

Monochromacy



Original Color

37.3449, 0.3459, 0.3401

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6518, 0.3240, 0.3318

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3449, 0.3459, 0.3401 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(185, 159, 151)` looks like.

```
.text, #text, p{  
    color:rgb(185, 159, 151)  
}
```

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(185, 159, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 159, 151) }
```

Border

The CSS property to change the border of an element to Yxy 37.3449, 0.3459, 0.3401 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(185, 159, 151) }
```

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

```
.border{ border-color:rgb(185, 159, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 159, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 159, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 159, 151);  
box-shadow:4px 4px 4px 4px rgb(185, 159,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3449, 0.3459, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 159, 151) }
```

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

```
.background{ background-color: rgb(185,  
159, 151) }
```

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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