

Converting Colors

$Y_{xy}(37.1196, 0.3456, 0.3588)$

Have a look what the booklet for
Yxy(37.1196, 0.3456, 0.3588)
contains.

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Color

Yxy(36.9939, 0.3457, 0.3589)

Conversions

Conversions Part 1

Format	Color
Hex	B0A28D
RGB	176, 162, 141
RGB Percent	69%, 64%, 55%
CMY	0.3097, 0.3647, 0.4472
CMYK	0.00, 0.08, 0.20, 0.31
HSL	36°, 18%, 62%
HSV	36°, 20%, 69%
XYZ	35.6333, 36.9939, 30.4486
YIQ	163.7920, 15.0850, -3.5630

Conversions

Conversions Part 2

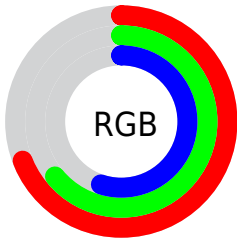
Format	Color
RYB	164, 176, 141
Decimal	11575949
CIELab	67.27, 1.60, 12.79
CIELCh	67, 12.885, 82.876
Yxy	36.9939, 0.3457, 0.3589
Android (android.graphics.Color)	4289766029 (0xFFB0A28D)
YUV	163.7920, -11.2365, 10.7064
Hunter-Lab	60.8226, -1.8642, 12.8945

Details

The Yxy color **36.9939, 0.3457, 0.3589** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.2319, 0.2815, 0.2972**, and the grayscale version is **37.0701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7216, 0.3391, 0.3530**, and **16.1181, 0.3558, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **34.1020, 0.3650, 0.3747**, and if you desaturate by 10%, it is **40.1112, 0.3282, 0.3435**.

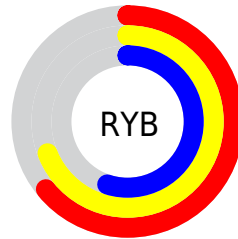
Distribution



Red (69%)

Green (64%)

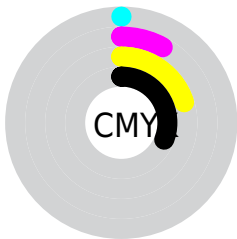
Blue (55%)



Red (64%)

Yellow (69%)

Blue (55%)

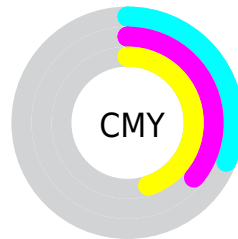


Cyan (0%)

Magenta (8%)

Yellow (20%)

Black (31%)



Cyan (31%)

Magenta (36%)

Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9939, 0.3457, 0.3589 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 36.9939, 0.3457, 0.3589 by changing the saturation by 10% instead.


 36.9939, 0.3457,
0.3589


 36.9939, 0.3457,
0.3589


333.2841, 0.3286,
0.3435


 25.2028, 0.3502,
0.3629


 70.5634, 0.3393,
0.3532

 16.2282, 0.3561,
0.3681


 93.1106, 0.3370,
0.3511

 9.6858, 0.3642,
0.3752


 120.0119, 0.3350,
0.3493

 5.1911, 0.3758,
0.3854

151.6517, 0.3333,
0.3478

 2.3598, 0.3940,
0.4010

188.4144, 0.3319,
0.3465

 0.8051, 0.4997,
0.5003


230.6845, 0.3306,


 0.0000, 0.0000,


0.3453


0.0000


278.8462, 0.3295,
0.3443


 36.9939, 0.3457,
0.3589


 36.9939, 0.3457,
0.3589


 34.1020, 0.3650,
0.3747


 40.1112, 0.3282,
0.3435


 31.4242, 0.3860,
0.3904


 43.4549, 0.3126,
0.3289


 28.9559, 0.4084,
0.4052

 47.0320, 0.2987,
0.3151

 26.6899, 0.4315,
0.4182

 50.8480, 0.2864,
0.3024

 24.6187, 0.4544,
0.4284

 54.9081, 0.2755,
0.2906

■ 22.7339, 0.4759,
0.4344

■ 59.2172, 0.2660,
0.2798

■ 21.0261, 0.4949,
0.4355

■ 63.1746, 0.2623,
0.2793

■ 19.4780, 0.5111,
0.4323

■ 66.7546, 0.2632,
0.2876

■ 19.4650, 0.5113,
0.4322

■ 70.4897, 0.2642,
0.2957

Harmonies

Analogous

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



36.9939, 0.3513, 0.3466



36.9939, 0.3457, 0.3589



36.9939, 0.3312, 0.3634

Triad

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



36.9939, 0.3457, 0.3589



36.9939, 0.2802, 0.3262



36.9939, 0.3125, 0.3021

Complementary

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



36.9939, 0.3457, 0.3589



32.2319, 0.2815, 0.2972

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.



36.9939, 0.2938, 0.2965



36.9939, 0.3457, 0.3589



36.9939, 0.2756, 0.3096

Square

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



36.9939, 0.3457, 0.3589



36.9939, 0.2934, 0.3442



36.9939, 0.2804, 0.2990



36.9939, 0.3318, 0.3143

Rectangle

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



36.9939, 0.3457, 0.3589



36.9939, 0.3186, 0.3610



36.9939, 0.2804, 0.2990



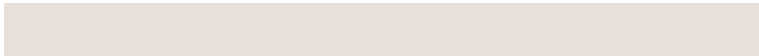
36.9939, 0.3059, 0.2994

Sweetspot

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



36.9956, 0.3457, 0.3589



74.9923, 0.3221, 0.3379



30.6384, 0.3363, 0.3090



16.1702, 0.3231, 0.3388



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



36.9956, 0.3457, 0.3589



64.6693, 0.3542, 0.3660



41.8081, 0.3388, 0.3782



9.3250, 0.3273, 0.3427



14.3957, 0.5100, 0.4332



0.5634, 0.4786, 0.4582

Inverse Universe

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



32.2319, 0.2815, 0.2972



54.4127, 0.2741, 0.2890



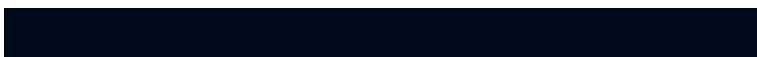
28.1474, 0.2835, 0.2757



8.7693, 0.2985, 0.3150



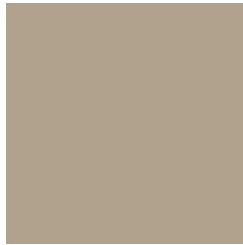
5.6565, 0.1691, 0.1288



0.2937, 0.1852, 0.1865

Previews

White Background



This preview shows how the Yxy color 36.9939, 0.3457, 0.3589 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 36.9939, 0.3457, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

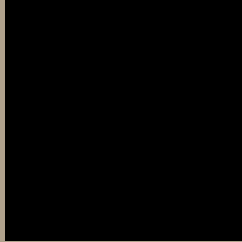
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9939, 0.3457, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 36.9939, 0.3457, 0.3589.



This preview shows how white text looks on a background with the Yxy color 36.9939, 0.3457, 0.3589.

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

36.9939, 0.3457, 0.3589

Protanopia

36.9180, 0.3405, 0.3592

Deuteranopia

37.0981, 0.3581, 0.3510



Tritanopia

37.0593, 0.3232, 0.3127

Trichromacy



Original Color

36.9939, 0.3457, 0.3589

Protanomaly

37.0316, 0.3415, 0.3591

Deuteranomaly

36.9396, 0.3537, 0.3526

Tritanomaly

36.8832, 0.3323, 0.3291

Monochromacy



Original Color

36.9939, 0.3457, 0.3589

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.9195, 0.3237, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9939, 0.3457, 0.3589 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(176, 162, 141)` looks like.

```
.text, #text, p{  
    color:rgb(176, 162, 141)  
}
```

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(176, 162, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 162, 141) }
```

Border

The CSS property to change the border of an element to Yxy 36.9939, 0.3457, 0.3589 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(176, 162, 141) }
```

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

```
.border{ border-color:rgb(176, 162, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 162, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 162, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 162, 141);  
box-shadow:4px 4px 4px 4px rgb(176, 162,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9939, 0.3457, 0.3589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 162, 141) }
```

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

```
.background{ background-color: rgb(176,  
162, 141) }
```

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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