

Converting Colors

$Yxy(38.8489, 0.3300, 0.3428)$

Have a look what the booklet for
Yxy(38.8489, 0.3300, 0.3428)
contains.

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Color

Yxy(38.7867, 0.3300, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	AFA69C
RGB	175, 166, 156
RGB Percent	69%, 65%, 61%
CMY	0.3137, 0.3490, 0.3882
CMYK	0.00, 0.05, 0.11, 0.31
HSL	32°, 11%, 65%
HSV	32°, 11%, 69%
XYZ	37.3167, 38.7867, 36.9774
YIQ	167.5510, 8.5740, -1.2020

Conversions

Conversions Part 2

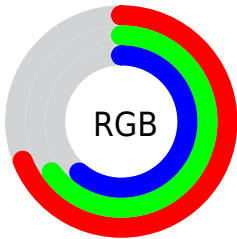
Format	Color
RYB	173, 175, 156
Decimal	11511452
CIELab	68.60, 1.48, 6.32
CIELCh	69, 6.490, 76.809
Yxy	38.7867, 0.3300, 0.3430
Android (android.graphics.Color)	4289701532 (0xFFAFA69C)
YUV	167.5510, -5.6946, 6.5328
Hunter-Lab	62.2790, -2.0336, 8.3925

Details

The Yxy color **38.7867, 0.3300, 0.3430** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.0774, 0.2962, 0.3146**, and the grayscale version is **38.9528, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.3550, 0.3273, 0.3408**, and **17.1921, 0.3346, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **35.3196, 0.3482, 0.3566**, and if you desaturate by 10%, it is **42.5370, 0.3140, 0.3301**.

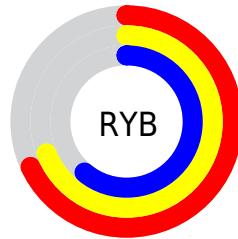
Distribution



Red (69%)

Green (65%)

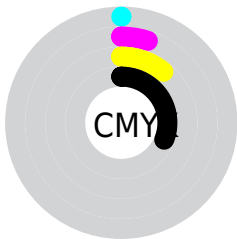
Blue (61%)



Red (68%)

Yellow (69%)

Blue (61%)

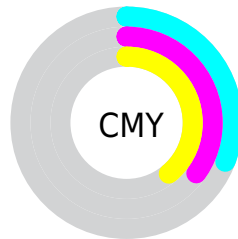


Cyan (0%)

Magenta (5%)

Yellow (11%)

Black (31%)



Cyan (31%)

Magenta (35%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7867, 0.3300, 0.3430 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 38.7867, 0.3300, 0.3430 by changing the saturation by 10% instead.


 38.7867, 0.3300,
0.3430


 38.7867, 0.3300,
0.3430


340.9828, 0.3211,
0.3358

 26.5938, 0.3323,
0.3449


 73.3124, 0.3267,
0.3403

 17.2684, 0.3354,
0.3473


 96.4139, 0.3255,
0.3394

 10.4261, 0.3395,
0.3506


123.9205, 0.3244,
0.3385

 5.6823, 0.3456,
0.3553

156.2166, 0.3236,
0.3378

 2.6529, 0.3551,
0.3627

193.6864, 0.3228,
0.3372

 0.9533, 0.3790,
0.3825

236.7145, 0.3222,

 0.0000, 0.0000,

0.3367

0.0000

285.6851, 0.3216,
0.3362

■ 38.7867, 0.3300,
0.3430

■ 38.7867, 0.3300,
0.3430

■ 35.3196, 0.3482,
0.3566

■ 42.5370, 0.3140,
0.3301

■ 32.1233, 0.3685,
0.3706

■ 46.5723, 0.2999,
0.3180

■ 29.1918, 0.3911,
0.3845

■ 50.9011, 0.2876,
0.3067

■ 26.5172, 0.4156,
0.3975

■ 55.5296, 0.2769,
0.2964

■ 24.0908, 0.4414,
0.4088

■ 60.4642, 0.2675,
0.2869

■ 21.9033, 0.4675,
0.4170

■ 65.3174, 0.2623,
0.2845

■ 19.9447, 0.4924,
0.4211

■ 69.6670, 0.2635,
0.2942

■ 18.2036, 0.5146,
0.4201

■ 74.2340, 0.2646,
0.3037

■ 16.7836, 0.5325,
0.4154

■ 79.0213, 0.2657,
0.3131

Harmonies

Analogous

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



38.7867, 0.3317, 0.3365



38.7867, 0.3300, 0.3430



38.7867, 0.3237, 0.3459

Triad

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



38.7867, 0.3300, 0.3430



38.7867, 0.2975, 0.3296



38.7867, 0.3107, 0.3145

Complementary

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



38.7867, 0.3300, 0.3430



37.0774, 0.2962, 0.3146

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.



38.7867, 0.3017, 0.3126



38.7867, 0.3300, 0.3430



38.7867, 0.2942, 0.3211

Square

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



38.7867, 0.3300, 0.3430



38.7867, 0.3049, 0.3381



38.7867, 0.2957, 0.3149



38.7867, 0.3204, 0.3202

Rectangle

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



38.7867, 0.3300, 0.3430



38.7867, 0.3177, 0.3452



38.7867, 0.2957, 0.3149



38.7867, 0.3075, 0.3134

Sweetspot

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



38.7884, 0.3300, 0.3430



74.6608, 0.3173, 0.3328



35.6186, 0.3230, 0.3162



16.4729, 0.3186, 0.3339



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.



38.7884, 0.3300, 0.3430



67.9489, 0.3341, 0.3462



42.1375, 0.3283, 0.3552



8.6866, 0.3274, 0.3409



12.1434, 0.5308, 0.4167



0.4464, 0.4887, 0.4502

Inverse Universe

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



37.0774, 0.2962, 0.3146



64.2737, 0.2925, 0.3112



33.9772, 0.2963, 0.3014



8.3596, 0.2986, 0.3168



6.7586, 0.1755, 0.1519



0.2981, 0.1916, 0.2097

Previews

White Background



This preview shows how the Yxy color 38.7867, 0.3300, 0.3430 looks on a white background.

Color Contrast Check

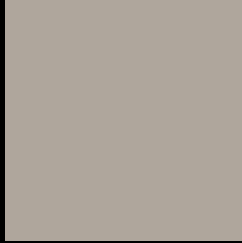
Large Text (above 18pt) WCAG AA × Fail

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 38.7867, 0.3300, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

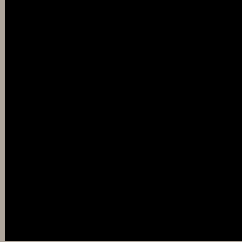
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7867, 0.3300, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 38.7867, 0.3300, 0.3430.

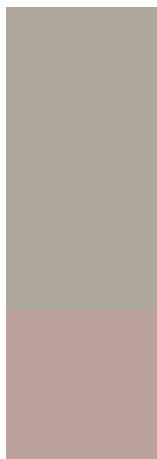


This preview shows how white text looks on a background with the Yxy color 38.7867, 0.3300, 0.3430.

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

38.7867, 0.3300, 0.3430

Protanopia

38.9220, 0.3279, 0.3445

Deuteranopia

38.8398, 0.3415, 0.3358



Tritanopia

38.7940, 0.3154, 0.3114

Trichromacy



Original Color

38.7867, 0.3300, 0.3430

Protanomaly

39.0364, 0.3289, 0.3444

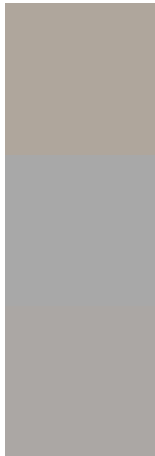
Deuteranomaly

38.6960, 0.3374, 0.3373

Tritanomaly

38.7626, 0.3206, 0.3222

Monochromacy



Original Color

38.7867, 0.3300, 0.3430

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9757, 0.3190, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7867, 0.3300, 0.3430 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(175, 166, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 166, 156)  
}
```

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(175, 166, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 166, 156) }
```

Border

The CSS property to change the border of an element to Yxy 38.7867, 0.3300, 0.3430 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(175, 166, 156) }
```

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

```
.border{ border-color:rgb(175, 166, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 166, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 166, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 166, 156);  
box-shadow:4px 4px 4px 4px rgb(175, 166,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7867, 0.3300, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 166, 156) }
```

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

```
.background{ background-color: rgb(175,  
166, 156) }
```

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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