

Converting Colors

$Yxy(38.7280, 0.3419, 0.3713)$

Have a look what the booklet for
Yxy(38.7280, 0.3419, 0.3713)
contains.

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Color

Yxy(38.6400, 0.3420, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	ACA88B
RGB	172, 168, 139
RGB Percent	67%, 66%, 55%
CMY	0.3255, 0.3412, 0.4549
CMYK	0.00, 0.02, 0.19, 0.33
HSL	53°, 17%, 61%
HSV	53°, 19%, 67%
XYZ	35.6773, 38.6400, 30.0023
YIQ	165.8900, 11.6930, -8.1710

Conversions

Conversions Part 2

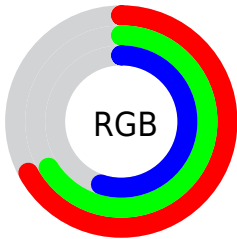
Format	Color
RYB	144, 172, 139
Decimal	11315339
CIELab	68.49, -3.50, 15.53
CIELCh	68, 15.916, 102.704
Yxy	38.6400, 0.3420, 0.3704
Android (android.graphics.Color)	4289505419 (0xFFACA88B)
YUV	165.8900, -13.2568, 5.3585
Hunter-Lab	62.1611, -6.3319, 14.8962

Details

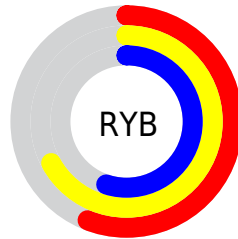
The Yxy color **38.6400, 0.3420, 0.3704** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.1140, 0.2819, 0.2839**, and the grayscale version is **38.1396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.1196, 0.3365, 0.3618**, and **17.1340, 0.3501, 0.3831** is the 20% darker color. If you saturate the color by 10%, you get **37.4129, 0.3581, 0.3925**, and if you desaturate by 10%, it is **39.9620, 0.3264, 0.3485**.

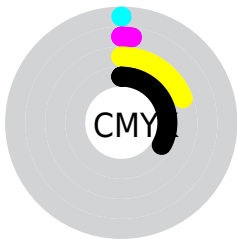
Distribution



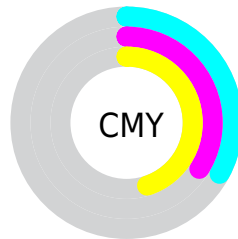
- Red (67%)
- Green (66%)
- Blue (55%)



- Red (56%)
- Yellow (67%)
- Blue (55%)



- Cyan (0%)
- Magenta (2%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6400, 0.3420, 0.3704 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 38.6400, 0.3420, 0.3704 by changing the saturation by 10% instead.


 38.6400, 0.3420,
0.3704

 38.6400, 0.3420,
0.3704


340.3575, 0.3270,
0.3489

 26.4798, 0.3458,
0.3760


 73.0880, 0.3365,
0.3624

 17.1829, 0.3508,
0.3834


 96.1447, 0.3344,
0.3595

 10.3650, 0.3575,
0.3934


 123.6022, 0.3327,
0.3570

 5.6416, 0.3668,
0.4079

155.8450, 0.3312,
0.3549

 2.6284, 0.3807,
0.4303

193.2576, 0.3300,
0.3531

 0.9410, 0.4619,
0.5381

236.2243, 0.3289,

 0.0000, 0.0000,

0.3515

0.0000

285.1294, 0.3279,
0.3501

■ 38.6400, 0.3420,
0.3704

■ 38.6400, 0.3420,
0.3704

■ 37.4129, 0.3581,
0.3925

■ 39.9620, 0.3264,
0.3485

■ 36.2719, 0.3743,
0.4141

■ 41.3773, 0.3116,
0.3273

■ 35.2146, 0.3901,
0.4344

■ 42.8909, 0.2977,
0.3072

■ 34.2366, 0.4048,
0.4523

■ 44.5059, 0.2850,
0.2884

■ 33.3330, 0.4177,
0.4670

■ 46.2253, 0.2733,
0.2711

■ 32.4983, 0.4283,
0.4778

■ 48.0520, 0.2628,
0.2551

■ 31.7260, 0.4362,
0.4842

■ 49.7018, 0.2557,
0.2447

■ 31.0036, 0.4418,
0.4868

■ 50.5673, 0.2560,
0.2472

■ 30.9462, 0.4423,
0.4870

■ 51.4456, 0.2563,
0.2497

Harmonies

Analogous

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



38.6400, 0.3566, 0.3610



38.6400, 0.3420, 0.3704



38.6400, 0.3198, 0.3683

Triad

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



38.6400, 0.3420, 0.3704



38.6400, 0.2684, 0.3114



38.6400, 0.3283, 0.3055

Complementary

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



38.6400, 0.3420, 0.3704



28.1140, 0.2819, 0.2839

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.



38.6400, 0.3042, 0.2932



38.6400, 0.3420, 0.3704



38.6400, 0.2704, 0.2958

Square

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



38.6400, 0.3420, 0.3704



38.6400, 0.2777, 0.3330



38.6400, 0.2832, 0.2896



38.6400, 0.3487, 0.3237

Rectangle

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



38.6400, 0.3420, 0.3704



38.6400, 0.3039, 0.3601



38.6400, 0.2832, 0.2896



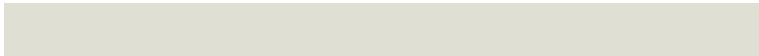
38.6400, 0.3203, 0.3006

Sweetspot

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



38.6417, 0.3420, 0.3704



73.2614, 0.3217, 0.3419



29.2314, 0.3447, 0.3226



15.8872, 0.3226, 0.3432



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



38.6417, 0.3420, 0.3704



69.1328, 0.3488, 0.3797



38.8365, 0.3295, 0.3776



9.1617, 0.3266, 0.3488



23.0798, 0.4420, 0.4872



0.6877, 0.4343, 0.4934

Inverse Universe

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



28.1140, 0.2819, 0.2839



46.5253, 0.2744, 0.2726



28.0324, 0.2935, 0.2792



7.9081, 0.2986, 0.3085



2.6578, 0.1529, 0.0705



0.1221, 0.1634, 0.1082

Previews

White Background



This preview shows how the Yxy color 38.6400, 0.3420, 0.3704 looks on a white background.

Color Contrast Check

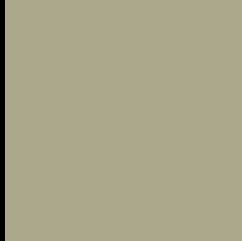
Large Text (above 18pt) WCAG AA × Fail

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 38.6400, 0.3420, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

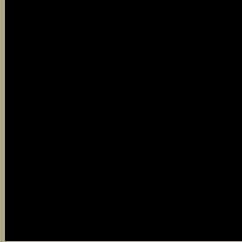
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

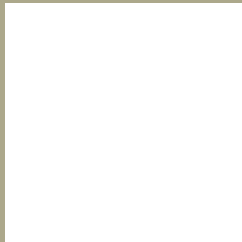
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 38.6400, 0.3420, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 38.6400, 0.3420, 0.3704.



This preview shows how white text looks on a background with the Yxy color 38.6400, 0.3420, 0.3704.

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

38.6400, 0.3420, 0.3704

Protanopia

38.7025, 0.3471, 0.3700

Deuteranopia

38.5897, 0.3631, 0.3573



Tritanopia

38.6761, 0.3145, 0.3113

Trichromacy



Original Color

38.6400, 0.3420, 0.3704

Protanomaly

38.5864, 0.3461, 0.3701

Deuteranomaly

38.7587, 0.3551, 0.3620

Tritanomaly

38.6686, 0.3239, 0.3318

Monochromacy



Original Color

38.6400, 0.3420, 0.3704

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.3626, 0.3232, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6400, 0.3420, 0.3704 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(172, 168, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 168, 139)  
}
```

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(172, 168, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 168, 139) }
```

Border

The CSS property to change the border of an element to Yxy 38.6400, 0.3420, 0.3704 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(172, 168, 139) }
```

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

```
.border{ border-color:rgb(172, 168, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 168, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 168, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 168, 139);  
box-shadow:4px 4px 4px 4px rgb(172, 168,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6400, 0.3420, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 168, 139) }
```

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

```
.background{ background-color: rgb(172,  
168, 139) }
```

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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