

Converting Colors

$Yxy(38.2854, 0.3508, 0.3543)$

Have a look what the booklet for
Yxy(38.2854, 0.3508, 0.3543)
contains.

Yxy(38.3983, 0.3506, 0.3552)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(38.3983, 0.3506, 0.3552)

Conversions

Conversions Part 1

Format	Color
Hex	B8A390
RGB	184, 163, 144
RGB Percent	72%, 64%, 56%
CMY	0.2784, 0.3608, 0.4352
CMYK	0.00, 0.11, 0.22, 0.28
HSL	28°, 22%, 64%
HSV	28°, 22%, 72%
XYZ	37.9010, 38.3983, 31.8040
YIQ	167.1130, 18.6150, -1.4570

Conversions

Conversions Part 2

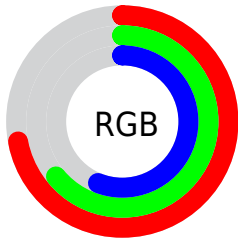
Format	Color
RYB	184, 180, 144
Decimal	12100496
CIELab	68.31, 4.60, 12.67
CIElCh	68, 13.478, 70.028
Yxy	38.3983, 0.3506, 0.3552
Android (android.graphics.Color)	4290290576 (0xFFB8A390)
YUV	167.1130, -11.3947, 14.8099
Hunter-Lab	61.9664, 0.7364, 12.9461

Details

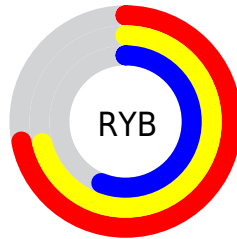
The Yxy color **38.3983, 0.3506, 0.3552** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3106, 0.2789, 0.3013**, and the grayscale version is **38.7530, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7453, 0.3429, 0.3503**, and **17.0023, 0.3628, 0.3614** is the 20% darker color. If you saturate the color by 10%, you get **34.5799, 0.3720, 0.3680**, and if you desaturate by 10%, it is **42.5743, 0.3318, 0.3428**.

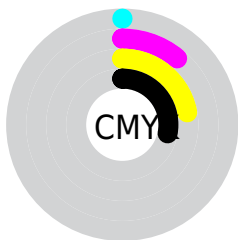
Distribution



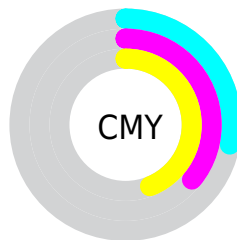
- Red (72%)
- Green (64%)
- Blue (56%)



- Red (72%)
- Yellow (71%)
- Blue (56%)



- Cyan (0%)
- Magenta (11%)
- Yellow (22%)
- Black (28%)




- Cyan (28%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3983, 0.3506, 0.3552 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 38.3983, 0.3506, 0.3552 by changing the saturation by 10% instead.


 38.3983, 0.3506,
0.3552

 38.3983, 0.3506,
0.3552


339.3255, 0.3310,
0.3419

 26.2920, 0.3557,
0.3586

 72.7182, 0.3433,
0.3503

 17.0422, 0.3624,
0.3629


 95.7006, 0.3406,
0.3485

 10.2646, 0.3716,
0.3688


123.0771, 0.3384,
0.3470

 5.5747, 0.3848,
0.3769

155.2321, 0.3364,
0.3457

 2.5883, 0.4054,
0.3890

192.5501, 0.3348,
0.3445

 0.9208, 0.4898,
0.4529

235.4154, 0.3333,

 0.0000, 0.0000,

0.3435

0.0000

284.2124, 0.3321,
0.3427

■ 38.3983, 0.3506,
0.3552

■ 38.3983, 0.3506,
0.3552

■ 34.5799, 0.3720,
0.3680

■ 42.5743, 0.3318,
0.3428

■ 31.1036, 0.3959,
0.3806

■ 47.1125, 0.3153,
0.3310

■ 27.9603, 0.4222,
0.3923

■ 52.0239, 0.3011,
0.3199

■ 25.1385, 0.4502,
0.4022

■ 57.3176, 0.2887,
0.3097

■ 22.6257, 0.4786,
0.4089

■ 63.0021, 0.2779,
0.3004

■ 20.4086, 0.5060,
0.4114

■ 69.0859, 0.2685,
0.2918

■ 18.4719, 0.5304,
0.4086

■ 74.3754, 0.2694,
0.3022

■ 17.0648, 0.5481,
0.4030

■ 79.9263, 0.2705,
0.3129

■ 85.7805, 0.2716,
0.3235

Harmonies

Analogous

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



38.3983, 0.3517, 0.3402



38.3983, 0.3506, 0.3552



38.3983, 0.3391, 0.3637

Triad

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



38.3983, 0.3506, 0.3552



38.3983, 0.2841, 0.3342



38.3983, 0.3038, 0.2978

Complementary

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



38.3983, 0.3506, 0.3552



36.3106, 0.2789, 0.3013

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.



38.3983, 0.2863, 0.2955



38.3983, 0.3506, 0.3552



38.3983, 0.2752, 0.3157

Square

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



38.3983, 0.3506, 0.3552



38.3983, 0.3006, 0.3517



38.3983, 0.2761, 0.3018



38.3983, 0.3242, 0.3078

Rectangle

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



38.3983, 0.3506, 0.3552



38.3983, 0.3273, 0.3642



38.3983, 0.2761, 0.3018



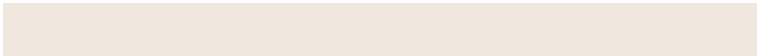
38.3983, 0.2974, 0.2961

Sweetspot

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



38.4000, 0.3506, 0.3552



80.8842, 0.3239, 0.3372



32.8712, 0.3336, 0.2999



17.3328, 0.3249, 0.3379



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.



38.4000, 0.3506, 0.3552



66.2694, 0.3603, 0.3612



45.9401, 0.3453, 0.3807



9.6965, 0.3276, 0.3399



11.8991, 0.5461, 0.4046



0.5436, 0.5052, 0.4371

Inverse Universe

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



36.3106, 0.2789, 0.3013



61.8156, 0.2714, 0.2945



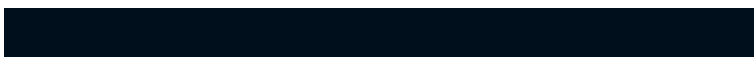
29.7482, 0.2768, 0.2715



9.4792, 0.2985, 0.3179



8.3763, 0.1801, 0.1684



0.4183, 0.1927, 0.2136

Previews

White Background



This preview shows how the Yxy color 38.3983, 0.3506, 0.3552 looks on a white background.

Color Contrast Check

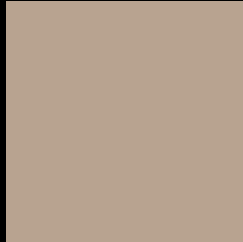
Large Text (above 18pt) WCAG AA × Fail

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 38.3983, 0.3506, 0.3552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

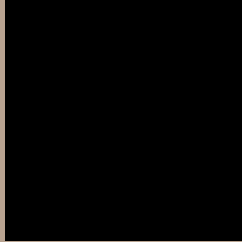
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3983, 0.3506, 0.3552

Background



This preview shows how black text looks on a background with the Yxy color 38.3983, 0.3506, 0.3552.



This preview shows how white text looks on a background with the Yxy color 38.3983, 0.3506, 0.3552.

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

38.3983, 0.3506, 0.3552

Protanopia

38.3464, 0.3381, 0.3573

Deuteranopia

38.2623, 0.3576, 0.3493



Tritanopia

38.3013, 0.3289, 0.3131

Trichromacy



Original Color

38.3983, 0.3506, 0.3552

Protanomaly

38.4196, 0.3432, 0.3570

Deuteranomaly

38.2254, 0.3542, 0.3508

Tritanomaly

38.1539, 0.3372, 0.3277

Monochromacy



Original Color

38.3983, 0.3506, 0.3552

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.6599, 0.3254, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3983, 0.3506, 0.3552 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(184, 163, 144)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 144)  
}
```

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(184, 163, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 144) }
```

Border

The CSS property to change the border of an element to Yxy 38.3983, 0.3506, 0.3552 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(184, 163, 144) }
```

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

```
.border{ border-color:rgb(184, 163, 144) }
```

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

Here you see how a box with a 4 pixel rgb(184, 163, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 144);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3983, 0.3506, 0.3552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 144) }
```

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

```
.background{ background-color: rgb(184,  
163, 144) }
```

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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