

Converting Colors

$Yxy(39.7900, 0.3478, 0.3573)$

Have a look what the booklet for
Yxy(39.7900, 0.3478, 0.3573)
contains.

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Color

Yxy(39.9031, 0.3477, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	B8A792
RGB	184, 167, 146
RGB Percent	72%, 65%, 57%
CMY	0.2783, 0.3451, 0.4275
CMYK	0.00, 0.09, 0.21, 0.28
HSL	33°, 21%, 65%
HSV	33°, 21%, 72%
XYZ	38.7767, 39.9031, 32.8437
YIQ	169.6890, 16.8730, -2.9270

Conversions

Conversions Part 2

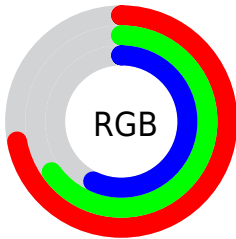
Format	Color
RYB	177, 184, 146
Decimal	12101522
CIELab	69.40, 2.73, 13.11
CIElCh	69, 13.393, 78.240
Yxy	39.9031, 0.3477, 0.3578
Android (android.graphics.Color)	4290291602 (0xFFB8A792)
YUV	169.6890, -11.6787, 12.5507
Hunter-Lab	63.1689, -0.9720, 13.3913

Details

The Yxy color **39.9031, 0.3477, 0.3578** is a light color, and the websafe version is hex **999999**. A complement of this color would be **35.7662, 0.2803, 0.2984**, and the grayscale version is **40.0898, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.9379, 0.3408, 0.3523**, and **17.9130, 0.3596, 0.3669** is the 20% darker color. If you saturate the color by 10%, you get **36.4559, 0.3678, 0.3725**, and if you desaturate by 10%, it is **43.6382, 0.3297, 0.3435**.

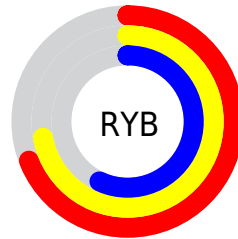
Distribution



Red (72%)

Green (65%)

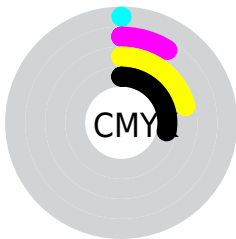
Blue (57%)



Red (69%)

Yellow (72%)

Blue (57%)

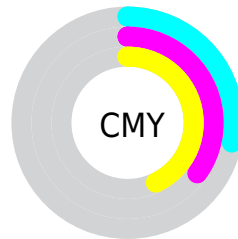


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9031, 0.3477, 0.3578 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 39.9031, 0.3477, 0.3578 by changing the saturation by 10% instead.


 39.9031, 0.3477,
0.3578

 39.9031, 0.3477,
0.3578


345.7150, 0.3297,
0.3432

 27.4630, 0.3523,
0.3615


 75.0159, 0.3410,
0.3524

 17.9213, 0.3584,
0.3663


 98.4575, 0.3386,
0.3504

 10.8935, 0.3666,
0.3728


126.3349, 0.3365,
0.3487

 5.9952, 0.3783,
0.3818

159.0327, 0.3348,
0.3473

 2.8422, 0.3963,
0.3953

196.9352, 0.3332,
0.3461

 1.0499, 0.4590,
0.4485

240.4268, 0.3319,

 0.0000, 1.0000,

0.3450

0.0000

289.8920, 0.3307,
0.3440

0.0000, 0.0000,
0.0000

39.9031, 0.3477,
0.3578

39.9031, 0.3477,
0.3578

36.4559, 0.3678,
0.3725

43.6382, 0.3297,
0.3435

33.2832, 0.3900,
0.3871

47.6635, 0.3137,
0.3299

30.3785, 0.4138,
0.4008

51.9878, 0.2997,
0.3171

27.7328, 0.4387,
0.4126

56.6182, 0.2873,
0.3053

25.3365, 0.4637,
0.4214

61.5613, 0.2765,
0.2944

■ 23.1787, 0.4874,
0.4260

■ 66.7334, 0.2677,
0.2859

■ 21.2477, 0.5083,
0.4255

■ 71.0697, 0.2687,
0.2953

■ 19.6324, 0.5253,
0.4211

■ 75.6205, 0.2696,
0.3046

■ 80.3890, 0.2706,
0.3138

Harmonies

Analogous

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



39.9031, 0.3518, 0.3445



39.9031, 0.3477, 0.3578



39.9031, 0.3341, 0.3638

Triad

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



39.9031, 0.3477, 0.3578



39.9031, 0.2814, 0.3290



39.9031, 0.3094, 0.3004

Complementary

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



39.9031, 0.3477, 0.3578



35.7662, 0.2803, 0.2984

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.



39.9031, 0.2910, 0.2959



39.9031, 0.3477, 0.3578



39.9031, 0.2752, 0.3116

Square

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



39.9031, 0.3477, 0.3578



39.9031, 0.2958, 0.3470



39.9031, 0.2786, 0.2998



39.9031, 0.3293, 0.3119

Rectangle

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



39.9031, 0.3477, 0.3578



39.9031, 0.3217, 0.3624



39.9031, 0.2786, 0.2998



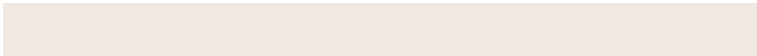
39.9031, 0.3028, 0.2980

Sweetspot

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



39.9049, 0.3477, 0.3578



82.3541, 0.3221, 0.3372



33.3925, 0.3356, 0.3056



17.6531, 0.3232, 0.3381



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.



39.9049, 0.3477, 0.3578



69.2896, 0.3570, 0.3648



46.3246, 0.3417, 0.3800



9.8127, 0.3274, 0.3416



13.6699, 0.5237, 0.4224



0.6035, 0.4899, 0.4492

Inverse Universe

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



35.7662, 0.2803, 0.2984



60.3770, 0.2725, 0.2904



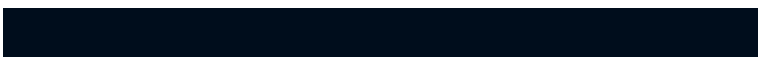
30.2981, 0.2804, 0.2730



9.3634, 0.2985, 0.3160



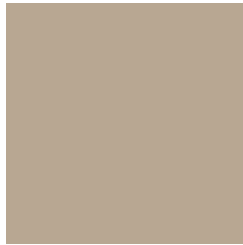
6.7161, 0.1731, 0.1430



0.3606, 0.1871, 0.1937

Previews

White Background



This preview shows how the Yxy color 39.9031, 0.3477, 0.3578 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 39.9031, 0.3477, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

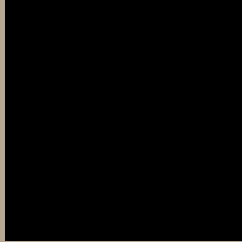
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9031, 0.3477, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 39.9031, 0.3477, 0.3578.



This preview shows how white text looks on a background with the Yxy color 39.9031, 0.3477, 0.3578.

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

39.9031, 0.3477, 0.3578

Protanopia

39.9475, 0.3404, 0.3596

Deuteranopia

39.7703, 0.3577, 0.3503



Tritanopia

39.9809, 0.3257, 0.3132

Trichromacy



Original Color

39.9031, 0.3477, 0.3578

Protanomaly

39.8151, 0.3426, 0.3581

Deuteranomaly

39.6047, 0.3535, 0.3519

Tritanomaly

39.7961, 0.3346, 0.3291

Monochromacy



Original Color

39.9031, 0.3477, 0.3578

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0631, 0.3251, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9031, 0.3477, 0.3578 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, 167, 146)` looks like.

```
.text, #text, p{  
    color:rgb(184, 167, 146)  
}
```

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, 167, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 167, 146) }
```

Border

The CSS property to change the border of an element to Yxy 39.9031, 0.3477, 0.3578 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, 167, 146) }
```

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

```
.border{ border-color:rgb(184, 167, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 167, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 167, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 167, 146);  
box-shadow:4px 4px 4px 4px rgb(184, 167,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9031, 0.3477, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 167, 146) }
```

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

```
.background{ background-color: rgb(184,  
167, 146) }
```

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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