

Converting Colors

$Yxy(39.9124, 0.3461, 0.3779)$

Have a look what the booklet for
Yxy(39.9124, 0.3461, 0.3779)
contains.

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Color

Yxy(39.9021, 0.3458, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	AEAB88
RGB	174, 171, 136
RGB Percent	68%, 67%, 53%
CMY	0.3176, 0.3294, 0.4666
CMYK	0.00, 0.02, 0.22, 0.32
HSL	55°, 19%, 61%
HSV	55°, 22%, 68%
XYZ	36.4644, 39.9021, 29.0830
YIQ	167.9070, 13.0230, -10.2490

Conversions

Conversions Part 2

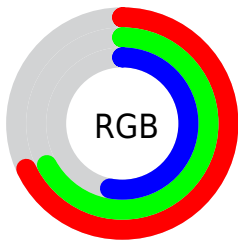
Format	Color
RYB	139, 174, 136
Decimal	11447176
CIELab	69.40, -4.79, 18.44
CIElCh	69, 19.051, 104.562
Yxy	39.9021, 0.3458, 0.3784
Android (android.graphics.Color)	4289637256 (0xFFAEAB88)
YUV	167.9070, -15.7302, 5.3436
Hunter-Lab	63.1681, -7.5032, 16.9202

Details

The Yxy color **39.9021, 0.3458, 0.3784** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.7670, 0.2770, 0.2743**, and the grayscale version is **39.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8898, 0.3402, 0.3692**, and **17.9305, 0.3552, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **38.9316, 0.3615, 0.4013**, and if you desaturate by 10%, it is **40.9619, 0.3303, 0.3554**.

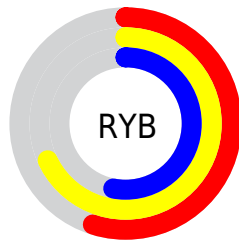
Distribution



Red (68%)

Green (67%)

Blue (53%)



Red (55%)

Yellow (68%)

Blue (53%)

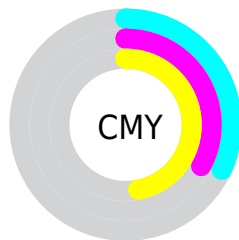


Cyan (0%)

Magenta (2%)

Yellow (22%)

Black (32%)



Cyan (32%)


Magenta (33%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9021, 0.3458, 0.3784 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 39.9021, 0.3458, 0.3784 by changing the saturation by 10% instead.


 39.9021, 0.3458,
0.3784


 39.9021, 0.3458,
0.3784


345.7108, 0.3290,
0.3528

 27.4622, 0.3500,
0.3850


 75.0144, 0.3397,
0.3689

 17.9207, 0.3554,
0.3937


 98.4556, 0.3374,
0.3654

 10.8930, 0.3626,
0.4054


 126.3328, 0.3354,
0.3625

 5.9950, 0.3725,
0.4222

159.0302, 0.3338,
0.3600

 2.8420, 0.3867,
0.4477

196.9323, 0.3324,
0.3578

 1.0498, 0.4539,
0.5461

240.4235, 0.3311,

 0.0000, 0.0000,

0.3560

0.0000

289.8882, 0.3300,
0.3543

■ 39.9021, 0.3458,
0.3784

■ 39.9021, 0.3458,
0.3784

■ 38.9316, 0.3615,
0.4013

■ 40.9619, 0.3303,
0.3554

■ 38.0412, 0.3770,
0.4235

■ 42.1093, 0.3154,
0.3330

■ 37.2284, 0.3916,
0.4438

■ 43.3494, 0.3013,
0.3116

■ 36.4886, 0.4047,
0.4615

■ 44.6855, 0.2881,
0.2915

■ 35.8168, 0.4158,
0.4757

■ 46.1207, 0.2761,
0.2728

■ 35.2070, 0.4244,
0.4857

■ 47.6578, 0.2651,
0.2556

■ 34.6522, 0.4304,
0.4914

■ 49.1160, 0.2567,
0.2426

■ 34.2275, 0.4338,
0.4938

■ 49.6765, 0.2569,
0.2443

■ 50.2427, 0.2571,
0.2459

Harmonies

Analogous

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



39.9021, 0.3640, 0.3676



39.9021, 0.3458, 0.3784



39.9021, 0.3192, 0.3752

Triad

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



39.9021, 0.3458, 0.3784



39.9021, 0.2603, 0.3065



39.9021, 0.3328, 0.3026

Complementary

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



39.9021, 0.3458, 0.3784



26.7670, 0.2770, 0.2743

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.



39.9021, 0.3043, 0.2877



39.9021, 0.3458, 0.3784



39.9021, 0.2634, 0.2889

Square

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



39.9021, 0.3458, 0.3784



39.9021, 0.2704, 0.3319



39.9021, 0.2792, 0.2825



39.9021, 0.3566, 0.3240

Rectangle

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



39.9021, 0.3458, 0.3784



39.9021, 0.3004, 0.3649



39.9021, 0.2792, 0.2825



39.9021, 0.3234, 0.2967

Sweetspot

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



39.9039, 0.3458, 0.3784



75.2557, 0.3232, 0.3448



28.4854, 0.3524, 0.3245



16.6997, 0.3240, 0.3461



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.



39.9039, 0.3458, 0.3784



71.5425, 0.3531, 0.3891



39.3391, 0.3300, 0.3850



9.2202, 0.3265, 0.3497



24.8645, 0.4336, 0.4939



0.7229, 0.4288, 0.4977

Inverse Universe

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



26.7670, 0.2770, 0.2743



43.5984, 0.2684, 0.2608



27.3338, 0.2923, 0.2720



7.8552, 0.2985, 0.3074



2.4769, 0.1518, 0.0663



0.1010, 0.1590, 0.0924

Previews

White Background



This preview shows how the Yxy color 39.9021, 0.3458, 0.3784 looks on a white background.

Color Contrast Check

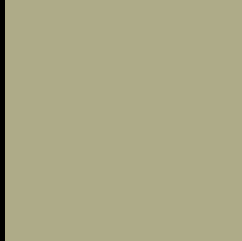
Large Text (above 18pt) WCAG AA × Fail

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 39.9021, 0.3458, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

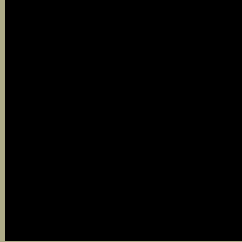
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

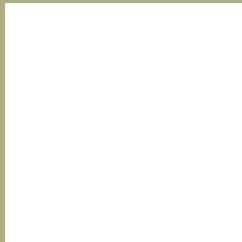
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.9021, 0.3458, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 39.9021, 0.3458, 0.3784.



This preview shows how white text looks on a background with the Yxy color 39.9021, 0.3458, 0.3784.

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

39.9021, 0.3458, 0.3784

Protanopia

39.8285, 0.3532, 0.3763

Deuteranopia

39.8997, 0.3694, 0.3620



Tritanopia

39.7083, 0.3145, 0.3115

Trichromacy



Original Color

39.9021, 0.3458, 0.3784

Protanomaly

39.9637, 0.3509, 0.3779

Deuteranomaly

39.8974, 0.3612, 0.3683

Tritanomaly

39.6289, 0.3255, 0.3345

Monochromacy



Original Color

39.9021, 0.3458, 0.3784

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3223, 0.3248, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9021, 0.3458, 0.3784 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(174, 171, 136)` looks like.

```
.text, #text, p{  
    color:rgb(174, 171, 136)  
}
```

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(174, 171, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 171, 136) }
```

Border

The CSS property to change the border of an element to Yxy 39.9021, 0.3458, 0.3784 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(174, 171, 136) }
```

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

```
.border{ border-color:rgb(174, 171, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 171, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 171, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 171, 136);  
box-shadow:4px 4px 4px 4px rgb(174, 171,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9021, 0.3458, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 171, 136) }
```

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

```
.background{ background-color: rgb(174,  
171, 136) }
```

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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