

Converting Colors

$Yxy(39.3406, 0.3495, 0.3990)$

Have a look what the booklet for
Yxy(39.3406, 0.3495, 0.3990)
contains.

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Color

Yxy(39.1758, 0.3491, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	A7AC7C
RGB	167, 172, 124
RGB Percent	65%, 67%, 49%
CMY	0.3451, 0.3255, 0.5136
CMYK	0.03, 0.00, 0.28, 0.33
HSL	66°, 22%, 58%
HSV	66°, 28%, 67%
XYZ	34.3280, 39.1758, 24.8290
YIQ	165.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

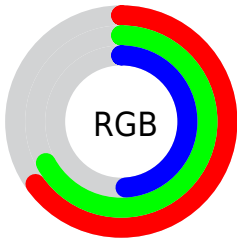
Format	Color
RYB	124, 172, 129
Decimal	10988668
CIELab	68.88, -9.78, 24.15
CIElCh	69, 26.059, 112.046
Yxy	39.1758, 0.3491, 0.3984
Android (android.graphics.Color)	4289178748 (0xFFA7AC7C)
YUV	165.0330, -20.2293, 1.7251
Hunter-Lab	62.5906, -11.6346, 20.2937

Details

The Yxy color **39.1758, 0.3491, 0.3984** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.0698, 0.2700, 0.2513**, and the grayscale version is **37.7395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8005, 0.3429, 0.3844**, and **17.5183, 0.3580, 0.4201** is the 20% darker color. If you saturate the color by 10%, you get **38.5855, 0.3617, 0.4235**, and if you desaturate by 10%, it is **39.8482, 0.3360, 0.3730**.

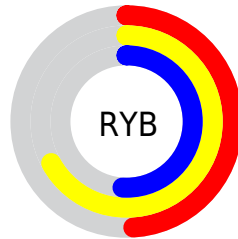
Distribution



Red (65%)

Green (67%)

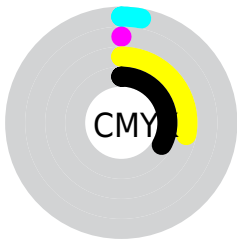
Blue (49%)



Red (49%)

Yellow (67%)

Blue (51%)

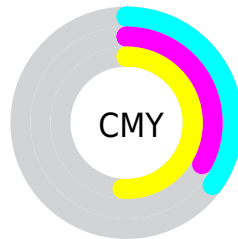


Cyan (3%)

Magenta (0%)

Yellow (28%)

Black (33%)



Cyan (35%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1758, 0.3491, 0.3984 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 39.1758, 0.3491, 0.3984 by changing the saturation by 10% instead.


 39.1758, 0.3491,
0.3984


 39.1758, 0.3491,
0.3984


342.6373, 0.3310,
0.3621


 26.8965, 0.3535,
0.4079


 73.9068, 0.3426,
0.3849

 17.4955, 0.3590,
0.4203


 97.1273, 0.3401,
0.3799

 10.5884, 0.3661,
0.4372

 124.7637, 0.3380,
0.3757

 5.7908, 0.3752,
0.4613

157.2003, 0.3362,
0.3722

 2.7183, 0.3898,
0.5018

194.8216, 0.3346,
0.3691

 0.9865, 0.4135,
0.5865

238.0119, 0.3332,

 0.0000, 0.0000,

0.3665

0.0000

287.1557, 0.3320,
0.3642

■ 39.1758, 0.3491,
0.3984

■ 39.1758, 0.3491,
0.3984

■ 38.5855, 0.3617,
0.4235

■ 39.8482, 0.3360,
0.3730

■ 38.0681, 0.3733,
0.4473

■ 40.6012, 0.3229,
0.3480

■ 37.6211, 0.3834,
0.4689

■ 41.4399, 0.3101,
0.3241

■ 37.2396, 0.3915,
0.4874

■ 42.3676, 0.2978,
0.3015

■ 36.9184, 0.3971,
0.5019

■ 43.3873, 0.2863,
0.2805

■ 36.6512, 0.4003,
0.5122

■ 44.5019, 0.2755,
0.2611

■ 36.4276, 0.4011,
0.5185

■ 45.7142, 0.2657,
0.2435

■ 36.3825, 0.4012,
0.5196

■ 46.5925, 0.2605,
0.2337

■ 46.8114, 0.2618,
0.2340

Harmonies

Analogous

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



39.1758, 0.3783, 0.3865



39.1758, 0.3491, 0.3984



39.1758, 0.3112, 0.3894

Triad

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



39.1758, 0.3491, 0.3984



39.1758, 0.2411, 0.2902



39.1758, 0.3494, 0.2996

Complementary

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



39.1758, 0.3491, 0.3984



22.0698, 0.2700, 0.2513

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.



39.1758, 0.3104, 0.2772



39.1758, 0.3491, 0.3984



39.1758, 0.2497, 0.2706

Square

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



39.1758, 0.3491, 0.3984



39.1758, 0.2501, 0.3229



39.1758, 0.2743, 0.2666



39.1758, 0.3792, 0.3294

Rectangle

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



39.1758, 0.3491, 0.3984



39.1758, 0.2863, 0.3719



39.1758, 0.2743, 0.2666



39.1758, 0.3368, 0.2911

Sweetspot

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



39.1775, 0.3491, 0.3984



73.6177, 0.3232, 0.3486



25.8808, 0.3702, 0.3364



15.9532, 0.3251, 0.3523



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.



39.1775, 0.3491, 0.3984



70.4420, 0.3564, 0.4128



36.8211, 0.3263, 0.4038



9.2871, 0.3247, 0.3515



27.0874, 0.4014, 0.5195



0.7654, 0.4072, 0.5149

Inverse Universe

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



22.0698, 0.2700, 0.2513



34.6038, 0.2596, 0.2328



24.1544, 0.2949, 0.2566



7.7957, 0.3001, 0.3057



2.3240, 0.1543, 0.0624



0.0771, 0.1714, 0.0718

Previews

White Background



This preview shows how the Yxy color 39.1758, 0.3491, 0.3984 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 39.1758, 0.3491, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

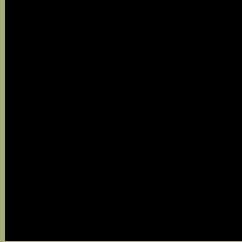
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

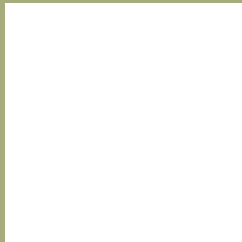
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1758, 0.3491, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 39.1758, 0.3491, 0.3984.



This preview shows how white text looks on a background with the Yxy color 39.1758, 0.3491, 0.3984.

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

39.1758, 0.3491, 0.3984

Protanopia

39.2342, 0.3662, 0.3929

Deuteranopia

39.0019, 0.3828, 0.3751



Tritanopia

39.1233, 0.3099, 0.3113

Trichromacy



Original Color

39.1758, 0.3491, 0.3984

Protanomaly

39.0361, 0.3599, 0.3939

Deuteranomaly

38.9557, 0.3708, 0.3836

Tritanomaly

39.1318, 0.3241, 0.3431

Monochromacy



Original Color

39.1758, 0.3491, 0.3984

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3143, 0.3264, 0.3550

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1758, 0.3491, 0.3984 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(167, 172, 124)` looks like.

```
.text, #text, p{  
    color:rgb(167, 172, 124)  
}
```

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(167, 172, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 172, 124) }
```

Border

The CSS property to change the border of an element to Yxy 39.1758, 0.3491, 0.3984 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(167, 172, 124) }
```

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

```
.border{ border-color:rgb(167, 172, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 172, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 172, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 172, 124);  
box-shadow:4px 4px 4px 4px rgb(167, 172,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1758, 0.3491, 0.3984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 172, 124) }
```

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

```
.background{ background-color: rgb(167,  
172, 124) }
```

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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