

Converting Colors

$Yxy(39.3595, 0.3392, 0.3547)$

Have a look what the booklet for
Yxy(39.3595, 0.3392, 0.3547)
contains.

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Color

Yxy(39.2723, 0.3391, 0.3541)

Conversions

Conversions Part 1

Format	Color
Hex	B2A795
RGB	178, 167, 149
RGB Percent	70%, 65%, 58%
CMY	0.3018, 0.3451, 0.4157
CMYK	0.00, 0.06, 0.16, 0.30
HSL	37°, 16%, 64%
HSV	37°, 16%, 70%
XYZ	37.6087, 39.2723, 34.0264
YIQ	168.2370, 12.3340, -3.2660

Conversions

Conversions Part 2

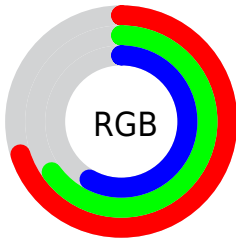
Format	Color
RYB	167, 178, 149
Decimal	11708309
CIELab	68.95, 0.92, 10.74
CIElCh	69, 10.780, 85.113
Yxy	39.2723, 0.3391, 0.3541
Android (android.graphics.Color)	4289898389 (0xFFB2A795)
YUV	168.2370, -9.4838, 8.5622
Hunter-Lab	62.6676, -2.5452, 11.6749

Details

The Yxy color **39.2723, 0.3391, 0.3541** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.7560, 0.2873, 0.3026**, and the grayscale version is **39.3257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0468, 0.3342, 0.3494**, and **17.5033, 0.3474, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **36.3333, 0.3576, 0.3703**, and if you desaturate by 10%, it is **42.4315, 0.3224, 0.3385**.

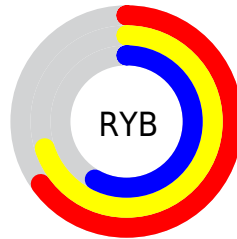
Distribution



Red (70%)

Green (65%)

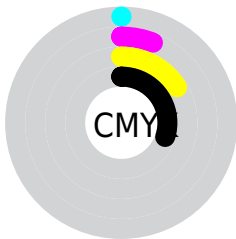
Blue (58%)



Red (65%)

Yellow (70%)

Blue (58%)

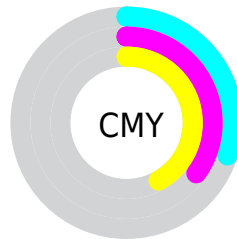


Cyan (0%)

Magenta (6%)

Yellow (16%)

Black (30%)



Cyan (30%)

Magenta (35%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2723, 0.3391, 0.3541 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 39.2723, 0.3391, 0.3541 by changing the saturation by 10% instead.


 39.2723, 0.3391,
0.3541


 39.2723, 0.3391,
0.3541


343.0468, 0.3255,
0.3412

 26.9716, 0.3426,
0.3574


 74.0541, 0.3341,
0.3493

 17.5519, 0.3472,
0.3617


 97.3040, 0.3322,
0.3476

 10.6288, 0.3535,
0.3676


124.9725, 0.3306,
0.3461

 5.8178, 0.3624,
0.3759

157.4439, 0.3293,
0.3448

 2.7346, 0.3763,
0.3888

195.1027, 0.3282,
0.3438

 0.9948, 0.4231,
0.4339

238.3331, 0.3272,

 0.0000, 0.0000,

0.3428

0.0000

287.5197, 0.3263,
0.3420

■ 39.2723, 0.3391,
0.3541

■ 39.2723, 0.3391,
0.3541

■ 36.3333, 0.3576,
0.3703

■ 42.4315, 0.3224,
0.3385

■ 33.6033, 0.3777,
0.3866

■ 45.8113, 0.3074,
0.3236

■ 31.0779, 0.3992,
0.4022

■ 49.4187, 0.2941,
0.3098

■ 28.7503, 0.4216,
0.4165

■ 53.2590, 0.2823,
0.2970

■ 26.6134, 0.4439,
0.4281

■ 57.3369, 0.2718,
0.2852

■ 24.6594, 0.4652,
0.4361

■ 61.6050, 0.2630,
0.2752

■ 22.8792, 0.4842,
0.4395

■ 64.9673, 0.2639,
0.2831

■ 21.2617, 0.5002,
0.4378

■ 68.4720, 0.2648,
0.2910

■ 20.6995, 0.5058,
0.4366

■ 72.1207, 0.2657,
0.2988

Harmonies

Analogous

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



39.2723, 0.3443, 0.3445



39.2723, 0.3391, 0.3541



39.2723, 0.3268, 0.3571

Triad

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



39.2723, 0.3391, 0.3541



39.2723, 0.2854, 0.3257



39.2723, 0.3138, 0.3074

Complementary

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



39.2723, 0.3391, 0.3541



34.7560, 0.2873, 0.3026

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.



39.2723, 0.2982, 0.3023



39.2723, 0.3391, 0.3541



39.2723, 0.2821, 0.3124

Square

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



39.2723, 0.3391, 0.3541



39.2723, 0.2959, 0.3404



39.2723, 0.2868, 0.3040



39.2723, 0.3295, 0.3179

Rectangle

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



39.2723, 0.3391, 0.3541



39.2723, 0.3164, 0.3546



39.2723, 0.2868, 0.3040



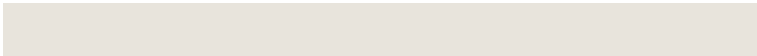
39.2723, 0.3084, 0.3050

Sweetspot

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



39.2740, 0.3391, 0.3541



77.6440, 0.3204, 0.3366



33.5027, 0.3319, 0.3134



17.1103, 0.3215, 0.3377



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.2740, 0.3391, 0.3541



68.9946, 0.3463, 0.3606



43.0975, 0.3336, 0.3692



9.3531, 0.3272, 0.3431



14.9286, 0.5046, 0.4376



0.5780, 0.4751, 0.4609

Inverse Universe

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



34.7560, 0.2873, 0.3026



59.0677, 0.2807, 0.2953



31.4188, 0.2898, 0.2863



8.7420, 0.2985, 0.3145



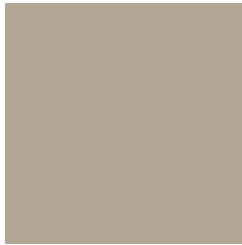
5.3418, 0.1675, 0.1231



0.2828, 0.1838, 0.1817

Previews

White Background



This preview shows how the Yxy color 39.2723, 0.3391, 0.3541 looks on a white background.

Color Contrast Check

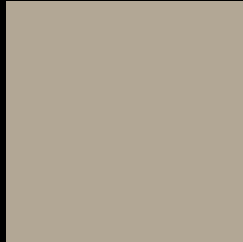
Large Text (above 18pt) WCAG AA × Fail

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 39.2723, 0.3391, 0.3541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

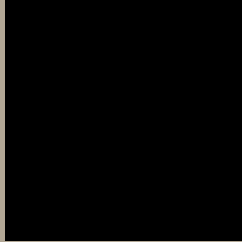
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

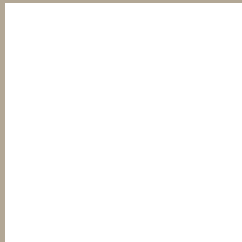
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.2723, 0.3391, 0.3541

Background



This preview shows how black text looks on a background with the Yxy color 39.2723, 0.3391, 0.3541.



This preview shows how white text looks on a background with the Yxy color 39.2723, 0.3391, 0.3541.

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

39.2723, 0.3391, 0.3541

Protanopia

39.4053, 0.3369, 0.3556

Deuteranopia

39.1190, 0.3522, 0.3452



Tritanopia

39.2741, 0.3192, 0.3116

Trichromacy



Original Color

39.2723, 0.3391, 0.3541

Protanomaly

39.5223, 0.3379, 0.3555

Deuteranomaly

39.1920, 0.3467, 0.3481

Tritanomaly

39.1278, 0.3270, 0.3263

Monochromacy



Original Color

39.2723, 0.3391, 0.3541

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.3491, 0.3225, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2723, 0.3391, 0.3541 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(178, 167, 149)` looks like.

```
.text, #text, p{  
    color:rgb(178, 167, 149)  
}
```

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(178, 167, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 167, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.2723, 0.3391, 0.3541 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(178, 167, 149) }
```

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

```
.border{ border-color:rgb(178, 167, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 167, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 167, 149); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 167, 149); box-shadow:4px 4px 4px 4px rgb(178, 167, 149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2723, 0.3391, 0.3541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 167, 149) }
```

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

```
.background{ background-color: rgb(178,  
167, 149) }
```

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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