

Converting Colors

$Yxy(41.7031, 0.3325, 0.3509)$

Have a look what the booklet for
Yxy(41.7031, 0.3325, 0.3509)
contains.

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Color

Yxy(41.4891, 0.3328, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	B3AC9C
RGB	179, 172, 156
RGB Percent	70%, 67%, 61%
CMY	0.2980, 0.3255, 0.3881
CMYK	0.00, 0.04, 0.13, 0.30
HSL	42°, 13%, 66%
HSV	42°, 13%, 70%
XYZ	39.3490, 41.4891, 37.3981
YIQ	172.2690, 9.3080, -3.4920

Conversions

Conversions Part 2

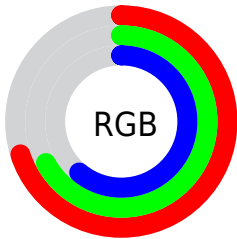
Format	Color
R _Y B	166, 179, 156
Decimal	11775132
CIE Lab	70.52, -0.27, 9.10
CIE LCh	71, 9.108, 91.689
Yxy	41.4891, 0.3328, 0.3509
Android (android.graphics.Color)	4289965212 (0xFFB3AC9C)
YUV	172.2690, -8.0206, 5.9031
Hunter-Lab	64.4120, -3.6762, 10.6642

Details

The Yxy color **41.4891, 0.3328, 0.3509** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.5393, 0.2929, 0.3061**, and the grayscale version is **41.4392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2535, 0.3295, 0.3470**, and **18.8885, 0.3383, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **38.8889, 0.3501, 0.3687**, and if you desaturate by 10%, it is **44.2681, 0.3170, 0.3337**.

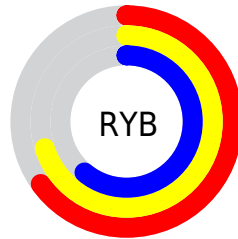
Distribution



Red (70%)

Green (67%)

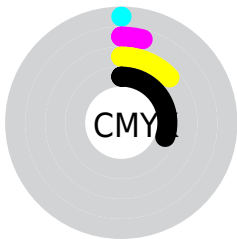
Blue (61%)



Red (65%)

Yellow (70%)

Blue (61%)

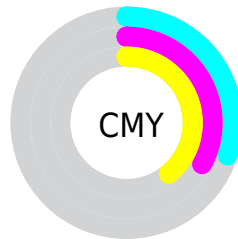


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (30%)



Cyan (30%)


Magenta (33%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4891, 0.3328, 0.3509 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 41.4891, 0.3328, 0.3509 by changing the saturation by 10% instead.


 41.4891, 0.3328,
0.3509

 41.4891, 0.3328,
0.3509


352.3607, 0.3226,
0.3397

 28.7015, 0.3354,
0.3538


 77.4258, 0.3290,
0.3468

 18.8551, 0.3388,
0.3575


 101.3437, 0.3276,
0.3453

 11.5656, 0.3434,
0.3625


129.7404, 0.3265,
0.3440

 6.4486, 0.3499,
0.3697

163.0004, 0.3254,
0.3429

 3.1198, 0.3599,
0.3806

201.5080, 0.3246,
0.3419

 1.1946, 0.3818,
0.4045

245.6476, 0.3238,

 0.0573, 0.4553,

0.3411

0.5447

295.8037, 0.3232,
0.3404

0.0000, 0.0000,
0.0000

41.4891, 0.3328,
0.3509

41.4891, 0.3328,
0.3509

38.8889, 0.3501,
0.3687

44.2681, 0.3170,
0.3337

36.4571, 0.3687,
0.3868

47.2249, 0.3026,
0.3175

34.1902, 0.3883,
0.4044

50.3660, 0.2897,
0.3023

32.0828, 0.4084,
0.4208

53.6956, 0.2781,
0.2883

30.1287, 0.4282,
0.4349

57.2176, 0.2679,
0.2753

■ 28.3212, 0.4469,
0.4456

■ 60.3805, 0.2632,
0.2720

■ 26.6529, 0.4634,
0.4521

■ 63.0402, 0.2639,
0.2784

■ 25.1151, 0.4772,
0.4537

■ 65.7924, 0.2647,
0.2848

■ 24.0827, 0.4857,
0.4526

■ 68.6379, 0.2654,
0.2911

Harmonies

Analogous

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



41.4891, 0.3385, 0.3441



41.4891, 0.3328, 0.3509



41.4891, 0.3217, 0.3518

Triad

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



41.4891, 0.3328, 0.3509



41.4891, 0.2889, 0.3237



41.4891, 0.3167, 0.3126

Complementary

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



41.4891, 0.3328, 0.3509



36.5393, 0.2929, 0.3061

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.



41.4891, 0.3034, 0.3072



41.4891, 0.3328, 0.3509



41.4891, 0.2876, 0.3133

Square

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



41.4891, 0.3328, 0.3509



41.4891, 0.2964, 0.3359



41.4891, 0.2928, 0.3074



41.4891, 0.3291, 0.3221

Rectangle

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



41.4891, 0.3328, 0.3509



41.4891, 0.3129, 0.3488



41.4891, 0.2928, 0.3074



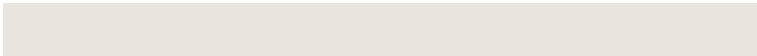
41.4891, 0.3121, 0.3102

Sweetspot

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



41.4909, 0.3328, 0.3509



78.6365, 0.3188, 0.3358



36.0277, 0.3287, 0.3190



17.3377, 0.3200, 0.3370



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.



41.4909, 0.3328, 0.3509



73.1388, 0.3368, 0.3552



43.7416, 0.3278, 0.3606



9.4596, 0.3270, 0.3448



17.1324, 0.4847, 0.4533



0.6363, 0.4625, 0.4709

Inverse Universe

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



36.5393, 0.2929, 0.3061



62.7842, 0.2889, 0.3014



34.5401, 0.2965, 0.2962



8.6396, 0.2985, 0.3127



4.3128, 0.1621, 0.1035



0.2415, 0.1784, 0.1623

Previews

White Background



This preview shows how the Yxy color 41.4891, 0.3328, 0.3509 looks on a white background.

Color Contrast Check

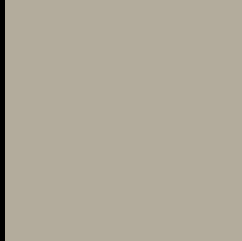
Large Text (above 18pt) WCAG AA × Fail

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 41.4891, 0.3328, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

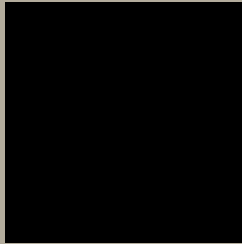
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

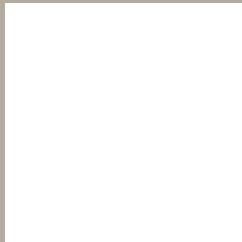
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4891, 0.3328, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 41.4891, 0.3328, 0.3509.



This preview shows how white text looks on a background with the Yxy color 41.4891, 0.3328, 0.3509.

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

41.4891, 0.3328, 0.3509

Protanopia

41.4891, 0.3328, 0.3509

Deuteranopia

41.3089, 0.3485, 0.3409



Tritanopia

41.4087, 0.3153, 0.3119

Trichromacy



Original Color

41.4891, 0.3328, 0.3509

Protanomaly

41.4891, 0.3328, 0.3509

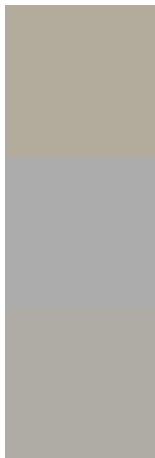
Deuteranomaly

41.2584, 0.3422, 0.3437

Tritanomaly

41.2996, 0.3221, 0.3250

Monochromacy



Original Color

41.4891, 0.3328, 0.3509

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3722, 0.3205, 0.3372

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4891, 0.3328, 0.3509 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(179, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(179, 172, 156)  
}
```

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(179, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 172, 156) }
```

Border

The CSS property to change the border of an element to Yxy 41.4891, 0.3328, 0.3509 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(179, 172, 156) }
```

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

```
.border{ border-color:rgb(179, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 172, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 172, 156);  
box-shadow:4px 4px 4px 4px rgb(179, 172,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4891, 0.3328, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 172, 156) }
```

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

```
.background{ background-color: rgb(179,  
172, 156) }
```

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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