

Converting Colors

$Y_{xy}(40.0108, 0.3386, 0.3568)$

Have a look what the booklet for
Yxy(40.0108, 0.3386, 0.3568)
contains.

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Color

Yxy(40.0108, 0.3386, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	B2A995
RGB	178, 169, 149
RGB Percent	70%, 66%, 58%
CMY	0.3020, 0.3372, 0.4157
CMYK	0.00, 0.05, 0.16, 0.30
HSL	41°, 16%, 64%
HSV	41°, 16%, 70%
XYZ	37.9699, 40.0108, 34.1572
YIQ	169.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

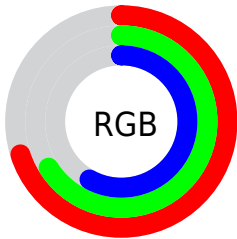
Format	Color
R_{YB}	162, 178, 149
Decimal	11708821
CIE Lab	69.48, -0.19, 11.48
CIE LCh	69, 11.481, 90.954
Yxy	40.0108, 0.3386, 0.3568
Android (android.graphics.Color)	4289898901 (0xFFB2A995)
YUV	169.4110, -10.0626, 7.5326
Hunter-Lab	63.2541, -3.5455, 12.2613

Details

The Yxy color **40.0108, 0.3386, 0.3568** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0496, 0.2873, 0.2996**, and the grayscale version is **39.9367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1155, 0.3339, 0.3515**, and **17.9644, 0.3466, 0.3658** is the 20% darker color. If you saturate the color by 10%, you get **37.4792, 0.3564, 0.3747**, and if you desaturate by 10%, it is **42.7193, 0.3222, 0.3395**.

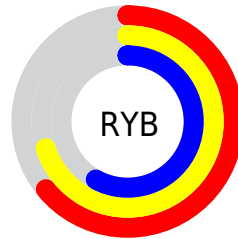
Distribution



Red (70%)

Green (66%)

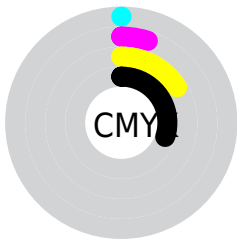
Blue (58%)



Red (64%)

Yellow (70%)

Blue (58%)

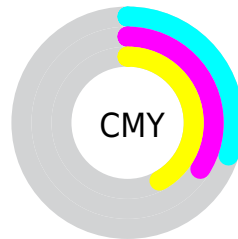


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (30%)



Cyan (30%)


Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0108, 0.3386, 0.3568 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 40.0108, 0.3386, 0.3568 by changing the saturation by 10% instead.


 40.0108, 0.3386,
0.3568


 40.0108, 0.3386,
0.3568


346.1691, 0.3253,
0.3425

 27.5470, 0.3420,
0.3605


 75.1800, 0.3337,
0.3515

 17.9844, 0.3465,
0.3653

 98.6541, 0.3319,
0.3496

 10.9388, 0.3525,
0.3717


126.5671, 0.3304,
0.3479

 6.0257, 0.3610,
0.3810

159.3033, 0.3291,
0.3465

 2.8607, 0.3742,
0.3952

197.2473, 0.3279,
0.3453

 1.0595, 0.4172,
0.4413

240.7833, 0.3270,

 0.0000, 0.0000,

0.3443

0.0000

290.2958, 0.3261,
0.3434

■ 40.0108, 0.3386,
0.3568

■ 40.0108, 0.3386,
0.3568

■ 37.4792, 0.3564,
0.3747

■ 42.7193, 0.3222,
0.3395

■ 35.1142, 0.3755,
0.3926

■ 45.6040, 0.3074,
0.3230

■ 32.9122, 0.3954,
0.4098

■ 48.6712, 0.2940,
0.3075

■ 30.8675, 0.4155,
0.4254

■ 51.9252, 0.2820,
0.2932

■ 28.9740, 0.4352,
0.4384

■ 55.3701, 0.2713,
0.2800

■ 27.2247, 0.4534,
0.4477

■ 58.9585, 0.2622,
0.2687

■ 25.6119, 0.4693,
0.4524

■ 61.5922, 0.2630,
0.2752

■ 24.1255, 0.4822,
0.4524

■ 64.3192, 0.2637,
0.2816

■ 23.5977, 0.4867,
0.4518

■ 67.1404, 0.2644,
0.2880

Harmonies

Analogous

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



40.0108, 0.3458, 0.3478



40.0108, 0.3386, 0.3568



40.0108, 0.3245, 0.3584

Triad

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



40.0108, 0.3386, 0.3568



40.0108, 0.2826, 0.3224



40.0108, 0.3173, 0.3079

Complementary

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



40.0108, 0.3386, 0.3568



34.0496, 0.2873, 0.2996

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.



40.0108, 0.3004, 0.3013



40.0108, 0.3386, 0.3568



40.0108, 0.2807, 0.3091

Square

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



40.0108, 0.3386, 0.3568



40.0108, 0.2923, 0.3381



40.0108, 0.2871, 0.3016



40.0108, 0.3333, 0.3198

Rectangle

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



40.0108, 0.3386, 0.3568



40.0108, 0.3132, 0.3547



40.0108, 0.2871, 0.3016



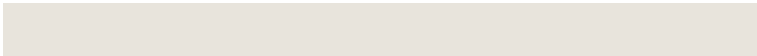
40.0108, 0.3115, 0.3050

Sweetspot

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



40.0126, 0.3386, 0.3568



78.0942, 0.3204, 0.3375



33.4343, 0.3337, 0.3162



17.2233, 0.3215, 0.3386



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.



40.0126, 0.3386, 0.3568



70.6714, 0.3457, 0.3640



42.8501, 0.3318, 0.3693



9.4538, 0.3271, 0.3447



17.0039, 0.4857, 0.4525



0.6330, 0.4632, 0.4704

Inverse Universe

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



34.0496, 0.2873, 0.2996



57.5360, 0.2805, 0.2913



31.6116, 0.2917, 0.2866



8.6452, 0.2985, 0.3128



4.3628, 0.1624, 0.1045



0.2438, 0.1787, 0.1634

Previews

White Background



This preview shows how the Yxy color 40.0108, 0.3386, 0.3568 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 40.0108, 0.3386, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

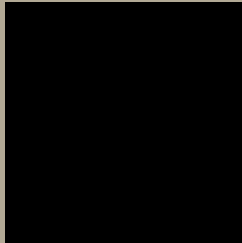
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

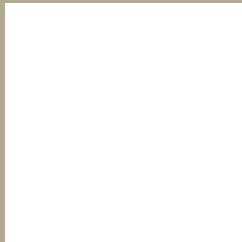
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.0108, 0.3386, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 40.0108, 0.3386, 0.3568.



This preview shows how white text looks on a background with the Yxy color 40.0108, 0.3386, 0.3568.

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

40.0108, 0.3386, 0.3568

Protanopia

39.8930, 0.3377, 0.3569

Deuteranopia

39.7339, 0.3539, 0.3464



Tritanopia

40.0697, 0.3172, 0.3117

Trichromacy



Original Color

40.0108, 0.3386, 0.3568

Protanomaly

39.8930, 0.3377, 0.3569

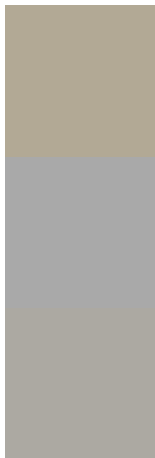
Deuteranomaly

39.8036, 0.3484, 0.3493

Tritanomaly

39.8862, 0.3259, 0.3277

Monochromacy



Original Color

40.0108, 0.3386, 0.3568

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.7552, 0.3215, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0108, 0.3386, 0.3568 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, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(178, 169, 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, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 169, 149) }
```

Border

The CSS property to change the border of an element to Yxy 40.0108, 0.3386, 0.3568 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, 169, 149) }
```

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

```
.border{ border-color:rgb(178, 169, 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, 169, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(178, 169,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0108, 0.3386, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 169, 149) }
```

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

```
.background{ background-color: rgb(178,  
169, 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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