

Converting Colors

$Y_{xy}(40.4002, 0.3422, 0.3526)$

Have a look what the booklet for
Yxy(40.4002, 0.3422, 0.3526)
contains.

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Color

Yxy(40.3069, 0.3419, 0.3523)

Conversions

Conversions Part 1

Format	Color
Hex	B7A897
RGB	183, 168, 151
RGB Percent	72%, 66%, 59%
CMY	0.2823, 0.3412, 0.4079
CMYK	0.00, 0.08, 0.18, 0.28
HSL	32°, 18%, 65%
HSV	32°, 18%, 72%
XYZ	39.1170, 40.3069, 34.9868
YIQ	170.5470, 14.3970, -2.1070

Conversions

Conversions Part 2

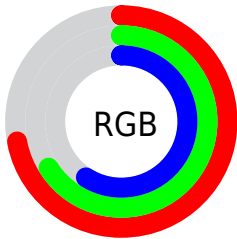
Format	Color
RYB	179, 183, 151
Decimal	12036247
CIELab	69.69, 2.57, 10.75
CIELCh	70, 11.054, 76.536
Yxy	40.3069, 0.3419, 0.3523
Android (android.graphics.Color)	4290226327 (0xFFB7A897)
YUV	170.5470, -9.6367, 10.9213
Hunter-Lab	63.4877, -1.1233, 11.7679

Details

The Yxy color $40.3069, 0.3419, 0.3523$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $37.2632, 0.2856, 0.3045$, and the grayscale version is $40.5302, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.5339, 0.3364, 0.3480$, and $18.1567, 0.3513, 0.3593$ is the 20% darker color. If you saturate the color by 10%, you get $36.6975, 0.3616, 0.3664$, and if you desaturate by 10%, it is $44.2210, 0.3244, 0.3387$.

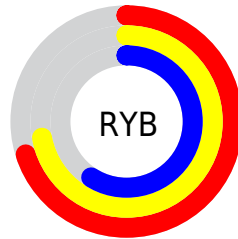
Distribution



Red (72%)

Green (66%)

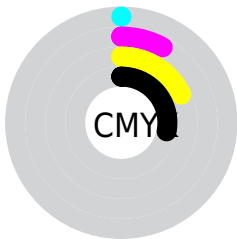
Blue (59%)



Red (70%)

Yellow (72%)

Blue (59%)

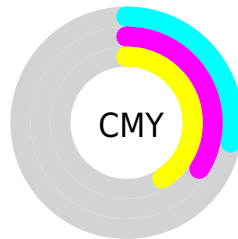


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (28%)



Cyan (28%)


Magenta (34%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3069, 0.3419, 0.3523 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 40.3069, 0.3419, 0.3523 by changing the saturation by 10% instead.


 40.3069, 0.3419,
0.3523


 40.3069, 0.3419,
0.3523


347.4154, 0.3269,
0.3405

 27.7779, 0.3458,
0.3553


 75.6306, 0.3364,
0.3480

 18.1583, 0.3508,
0.3592


 99.1941, 0.3343,
0.3463

 11.0637, 0.3577,
0.3644


127.2046, 0.3326,
0.3450

 6.1097, 0.3675,
0.3718

160.0465, 0.3311,
0.3438

 2.9119, 0.3826,
0.3830

198.1041, 0.3298,
0.3428

 1.0859, 0.4240,
0.4164

241.7619, 0.3287,

 0.0000, 1.0000,

0.3419

0.0000

291.4042, 0.3278,
0.3412

0.0000, 0.0000,
0.0000

40.3069, 0.3419,
0.3523

40.3069, 0.3419,
0.3523

36.6975, 0.3616,
0.3664

44.2210, 0.3244,
0.3387

33.3790, 0.3834,
0.3805

48.4422, 0.3091,
0.3259

30.3447, 0.4073,
0.3941

52.9798, 0.2956,
0.3139

27.5853, 0.4327,
0.4062

57.8410, 0.2838,
0.3028

25.0908, 0.4586,
0.4157

63.0329, 0.2734,
0.2927

■ 22.8506, 0.4839,
0.4213

■ 68.1838, 0.2675,
0.2893

■ 20.8526, 0.5069,
0.4221

■ 72.7853, 0.2685,
0.2991

■ 19.0811, 0.5266,
0.4177

■ 77.6207, 0.2695,
0.3088

■ 18.6685, 0.5314,
0.4163

■ 82.6933, 0.2705,
0.3182

Harmonies

Analogous

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



40.3069, 0.3447, 0.3411



40.3069, 0.3419, 0.3523



40.3069, 0.3312, 0.3575

Triad

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



40.3069, 0.3419, 0.3523



40.3069, 0.2874, 0.3299



40.3069, 0.3091, 0.3049

Complementary

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



40.3069, 0.3419, 0.3523



37.2632, 0.2856, 0.3045

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.



40.3069, 0.2941, 0.3016



40.3069, 0.3419, 0.3523



40.3069, 0.2818, 0.3156

Square

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



40.3069, 0.3419, 0.3523



40.3069, 0.2997, 0.3445



40.3069, 0.2842, 0.3053



40.3069, 0.3255, 0.3142

Rectangle

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



40.3069, 0.3419, 0.3523



40.3069, 0.3211, 0.3566



40.3069, 0.2842, 0.3053



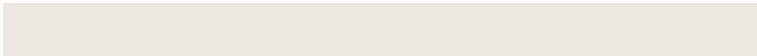
40.3069, 0.3037, 0.3031

Sweetspot

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



40.3087, 0.3419, 0.3523



80.9681, 0.3205, 0.3355



34.9648, 0.3304, 0.3079



17.7690, 0.3217, 0.3364



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.3087, 0.3419, 0.3523



69.6349, 0.3492, 0.3577



46.1075, 0.3381, 0.3719



9.7812, 0.3275, 0.3412



13.1606, 0.5297, 0.4176



0.5867, 0.4940, 0.4460

Inverse Universe

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



37.2632, 0.2856, 0.3045



63.1613, 0.2793, 0.2985



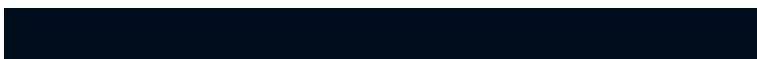
32.1741, 0.2850, 0.2824



9.3945, 0.2985, 0.3165



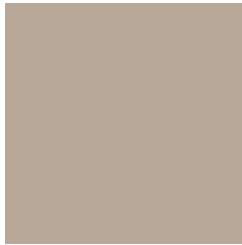
7.1333, 0.1749, 0.1497



0.3755, 0.1886, 0.1990

Previews

White Background



This preview shows how the Yxy color 40.3069, 0.3419, 0.3523 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 40.3069, 0.3419, 0.3523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

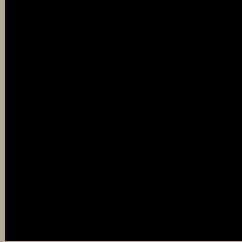
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

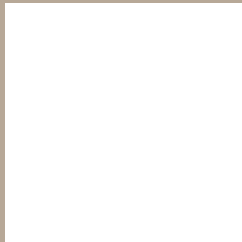
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 40.3069, 0.3419, 0.3523

Background



This preview shows how black text looks on a background with the Yxy color 40.3069, 0.3419, 0.3523.



This preview shows how white text looks on a background with the Yxy color 40.3069, 0.3419, 0.3523.

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

40.3069, 0.3419, 0.3523

Protanopia

40.4814, 0.3357, 0.3539

Deuteranopia

40.1554, 0.3517, 0.3450



Tritanopia

40.1643, 0.3219, 0.3119

Trichromacy



Original Color

40.3069, 0.3419, 0.3523

Protanomaly

40.3462, 0.3379, 0.3524

Deuteranomaly

39.9961, 0.3475, 0.3465

Tritanomaly

40.0517, 0.3289, 0.3250

Monochromacy



Original Color

40.3069, 0.3419, 0.3523

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5437, 0.3224, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3069, 0.3419, 0.3523 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(183, 168, 151)` looks like.

```
.text, #text, p{  
    color:rgb(183, 168, 151)  
}
```

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(183, 168, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 168, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.3069, 0.3419, 0.3523 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(183, 168, 151) }
```

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

```
.border{ border-color:rgb(183, 168, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 168, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 168, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 168, 151);  
box-shadow:4px 4px 4px 4px rgb(183, 168,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3069, 0.3419, 0.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 168, 151) }
```

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

```
.background{ background-color: rgb(183,  
168, 151) }
```

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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