

Converting Colors

$Yxy(40.4509, 0.3478, 0.3499)$

Have a look what the booklet for
Yxy(40.4509, 0.3478, 0.3499)
contains.

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Color

Yxy(40.3256, 0.3482, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	BDA697
RGB	189, 166, 151
RGB Percent	74%, 65%, 59%
CMY	0.2588, 0.3490, 0.4078
CMYK	0.00, 0.12, 0.20, 0.26
HSL	24°, 22%, 67%
HSV	24°, 20%, 74%
XYZ	40.2101, 40.3256, 34.9442
YIQ	171.1670, 18.5230, 0.2110

Conversions

Conversions Part 2

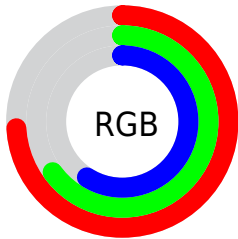
Format	Color
RYB	189, 176, 151
Decimal	12428951
CIELab	69.70, 5.95, 10.83
CIElCh	70, 12.356, 61.216
Yxy	40.3256, 0.3482, 0.3492
Android (android.graphics.Color)	4290619031 (0xFFBDA697)
YUV	171.1670, -9.9423, 15.6395
Hunter-Lab	63.5024, 1.8980, 11.8255

Details

The Yxy color $40.3256, 0.3482, 0.3492$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $40.5312, 0.2817, 0.3079$, and the grayscale version is $40.8583, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.7135, 0.3419, 0.3457$, and $18.1056, 0.3590, 0.3550$ is the 20% darker color. If you saturate the color by 10%, you get $35.7849, 0.3702, 0.3599$, and if you desaturate by 10%, it is $45.3386, 0.3292, 0.3389$.

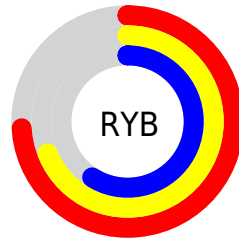
Distribution



Red (74%)

Green (65%)

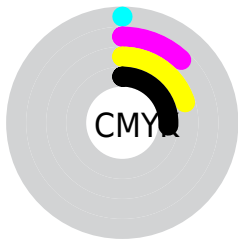
Blue (59%)



Red (74%)

Yellow (69%)

Blue (59%)

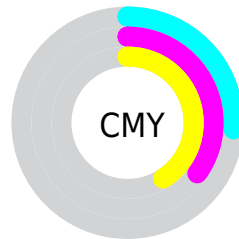


Cyan (0%)

Magenta (12%)

Yellow (20%)

Black (26%)



Cyan (26%)

Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3256, 0.3482, 0.3492 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 40.3256, 0.3482, 0.3492 by changing the saturation by 10% instead.


 40.3256, 0.3482,
0.3492


 40.3256, 0.3482,
0.3492


347.4940, 0.3299,
0.3391

 27.7925, 0.3529,
0.3517


 75.6591, 0.3414,
0.3455

 18.1693, 0.3591,
0.3550


 99.2282, 0.3389,
0.3441

 11.0716, 0.3675,
0.3593


127.2449, 0.3368,
0.3430

 6.1150, 0.3796,
0.3652

160.0934, 0.3350,
0.3420

 2.9151, 0.3982,
0.3739

198.1582, 0.3335,
0.3411

 1.0876, 0.4464,
0.4014

241.8236, 0.3322,

 0.0000, 1.0000,

0.3403

0.0000

291.4741, 0.3310,
0.3397

■ 0.0000, 0.0000,
0.0000

■ 40.3256, 0.3482,
0.3492

■ 40.3256, 0.3482,
0.3492

■ 35.7849, 0.3702,
0.3599

■ 45.3386, 0.3292,
0.3389

■ 31.6966, 0.3954,
0.3706

■ 50.8321, 0.3129,
0.3291

■ 28.0477, 0.4237,
0.3805

■ 56.8208, 0.2989,
0.3200

■ 24.8221, 0.4546,
0.3889

■ 63.3172, 0.2869,
0.3117

■ 22.0026, 0.4869,
0.3944

■ 70.3335, 0.2766,
0.3040

■ 19.5708, 0.5186,
0.3959

■ 77.2602, 0.2726,
0.3068

■ 17.5061, 0.5473,
0.3923

■ 84.0118, 0.2738,
0.3194

■ 15.7957, 0.5714,
0.3845

■ 89.5599, 0.2747,
0.3289

Harmonies

Analogous

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



40.3256, 0.3462, 0.3347



40.3256, 0.3482, 0.3492



40.3256, 0.3404, 0.3589

Triad

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



40.3256, 0.3482, 0.3492



40.3256, 0.2907, 0.3386



40.3256, 0.2996, 0.2994

Complementary

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



40.3256, 0.3482, 0.3492



40.5312, 0.2817, 0.3079

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.



40.3256, 0.2854, 0.2996



40.3256, 0.3482, 0.3492



40.3256, 0.2803, 0.3218

Square

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



40.3256, 0.3482, 0.3492



40.3256, 0.3070, 0.3531



40.3256, 0.2784, 0.3076



40.3256, 0.3177, 0.3065

Rectangle

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



40.3256, 0.3482, 0.3492



40.3256, 0.3308, 0.3610



40.3256, 0.2784, 0.3076



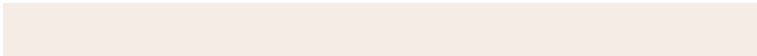
40.3256, 0.2942, 0.2986

Sweetspot

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



40.3274, 0.3482, 0.3492



85.0339, 0.3223, 0.3349



36.0281, 0.3287, 0.2980



18.1502, 0.3234, 0.3355



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



40.3274, 0.3482, 0.3492



68.6384, 0.3572, 0.3538



47.5747, 0.3436, 0.3730



10.1374, 0.3279, 0.3381



10.7667, 0.5692, 0.3863



0.5499, 0.5251, 0.4213

Inverse Universe

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



40.5312, 0.2817, 0.3079



69.0645, 0.2751, 0.3029



33.8434, 0.2801, 0.2809



10.1603, 0.2984, 0.3197



10.7856, 0.1878, 0.1959



0.5467, 0.1976, 0.2313

Previews

White Background



This preview shows how the Yxy color 40.3256, 0.3482, 0.3492 looks on a white background.

Color Contrast Check

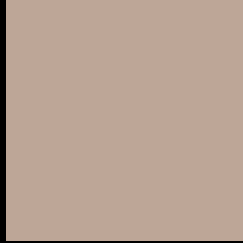
Large Text (above 18pt) WCAG AA × Fail

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 40.3256, 0.3482, 0.3492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

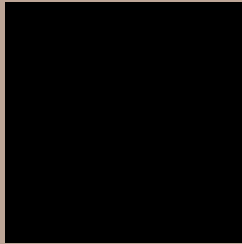
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3256, 0.3482, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 40.3256, 0.3482, 0.3492.



This preview shows how white text looks on a background with the Yxy color 40.3256, 0.3482, 0.3492.

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

40.3256, 0.3482, 0.3492

Protanopia

40.3965, 0.3339, 0.3526

Deuteranopia

40.2546, 0.3536, 0.3463



Tritanopia

40.1423, 0.3297, 0.3121

Trichromacy



Original Color

40.3256, 0.3482, 0.3492

Protanomaly

40.4667, 0.3388, 0.3524

Deuteranomaly

40.3511, 0.3514, 0.3477

Tritanomaly

40.0239, 0.3368, 0.3251

Monochromacy



Original Color

40.3256, 0.3482, 0.3492

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.5212, 0.3253, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3256, 0.3482, 0.3492 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(189, 166, 151)` looks like.

```
.text, #text, p{  
    color:rgb(189, 166, 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(189, 166, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 166, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.3256, 0.3482, 0.3492 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(189, 166, 151) }
```

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

```
.border{ border-color:rgb(189, 166, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 166, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 166, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 166, 151);  
box-shadow:4px 4px 4px 4px rgb(189, 166,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3256, 0.3482, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 166, 151) }
```

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

```
.background{ background-color: rgb(189,  
166, 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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