

Converting Colors

$Yxy(34.4978, 0.3737, 0.3661)$

Have a look what the booklet for
Yxy(34.4978, 0.3737, 0.3661)
contains.

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Color

Yxy(34.4019, 0.3743, 0.3653)

Conversions

Conversions Part 1

Format	Color
Hex	BA987E
RGB	186, 152, 126
RGB Percent	73%, 60%, 49%
CMY	0.2705, 0.4040, 0.5059
CMYK	0.00, 0.18, 0.32, 0.27
HSL	26°, 30%, 61%
HSV	26°, 32%, 73%
XYZ	35.2495, 34.4019, 24.5230
YIQ	159.2020, 28.6100, -0.8780

Conversions

Conversions Part 2

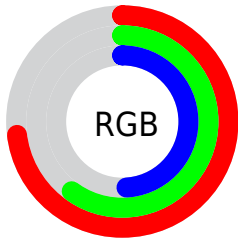
Format	Color
RYB	186, 172, 126
Decimal	12228734
CIELab	65.28, 8.89, 18.45
CIElCh	65, 20.482, 64.290
Yxy	34.4019, 0.3743, 0.3653
Android (android.graphics.Color)	4290418814 (0xFFBA987E)
YUV	159.2020, -16.3686, 23.5018
Hunter-Lab	58.6531, 4.6323, 16.2679

Details

The Yxy color **34.4019, 0.3743, 0.3653** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **33.1395, 0.2625, 0.2895**, and the grayscale version is **34.8368, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4520, 0.3620, 0.3581**, and **14.7487, 0.3945, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **30.6937, 0.3993, 0.3768**, and if you desaturate by 10%, it is **38.5072, 0.3522, 0.3536**.

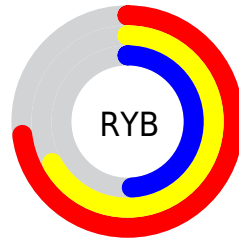
Distribution



Red (73%)

Green (60%)

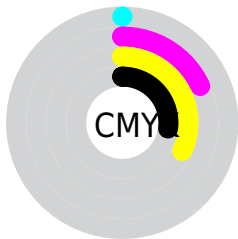
Blue (49%)



Red (73%)

Yellow (67%)

Blue (49%)

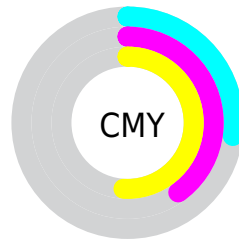


Cyan (0%)

Magenta (18%)

Yellow (32%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4019, 0.3743, 0.3653 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 34.4019, 0.3743, 0.3653 by changing the saturation by 10% instead.


 34.4019, 0.3743,
0.3653


 34.4019, 0.3743,
0.3653


321.9204, 0.3418,
0.3469


 23.2025, 0.3829,
0.3699


 66.5582, 0.3621,
0.3586

 14.7431, 0.3943,
0.3757


 88.2838, 0.3576,
0.3561

 8.6393, 0.4100,
0.3833


 114.2871, 0.3539,
0.3540

 4.5067, 0.4327,
0.3933

144.9523, 0.3507,
0.3522

 1.9608, 0.4732,
0.4111

180.6638, 0.3480,
0.3506

 0.5846, 0.5693,
0.4307

221.8061, 0.3457,

 0.0000, 0.0000,

0.3492

0.0000

268.7635, 0.3436,
0.3480

■ 34.4019, 0.3743,
0.3653

■ 34.4019, 0.3743,
0.3653

■ 30.6937, 0.3993,
0.3768

■ 38.5072, 0.3522,
0.3536

■ 27.3650, 0.4270,
0.3875

■ 43.0169, 0.3329,
0.3422

■ 24.4037, 0.4567,
0.3963


■ 47.9444, 0.3162,
0.3314


■ 21.7950, 0.4872,
0.4019


■ 53.3006, 0.3018,
0.3213


■ 19.5231, 0.5166,
0.4031

■ 59.0962, 0.2893,
0.3119

 17.5701, 0.5426,
0.3992

 65.3415, 0.2786,
0.3034

 16.2593, 0.5603,
0.3933

 71.9670, 0.2700,
0.2968

 77.8764, 0.2711,
0.3086

 84.1449, 0.2723,
0.3202

Harmonies

Analogous

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



34.4019, 0.3729, 0.3406



34.4019, 0.3743, 0.3653



34.4019, 0.3585, 0.3821

Triad

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



34.4019, 0.3743, 0.3653



34.4019, 0.2720, 0.3426



34.4019, 0.2926, 0.2793

Complementary

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



34.4019, 0.3743, 0.3653



33.1395, 0.2625, 0.2895

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.



34.4019, 0.2674, 0.2777



34.4019, 0.3743, 0.3653



34.4019, 0.2560, 0.3125

Square

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



34.4019, 0.3743, 0.3653



34.4019, 0.2990, 0.3700



34.4019, 0.2545, 0.2892



34.4019, 0.3244, 0.2926

Rectangle

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



34.4019, 0.3743, 0.3653



34.4019, 0.3408, 0.3857



34.4019, 0.2545, 0.2892



34.4019, 0.2831, 0.2774

Sweetspot

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



34.4035, 0.3743, 0.3653



79.7541, 0.3292, 0.3399



27.9403, 0.3435, 0.2810



17.2940, 0.3317, 0.3414



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.



34.4035, 0.3743, 0.3653



57.3078, 0.3925, 0.3739



45.0085, 0.3626, 0.4024



9.6346, 0.3277, 0.3389



11.0782, 0.5581, 0.3951



0.5140, 0.5136, 0.4304

Inverse Universe

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



33.1395, 0.2625, 0.2895



54.6362, 0.2510, 0.2788



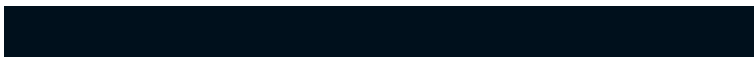
24.2176, 0.2569, 0.2431



9.5418, 0.2985, 0.3189



9.3987, 0.1841, 0.1827



0.4519, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 34.4019, 0.3743, 0.3653 looks on a white background.

Color Contrast Check

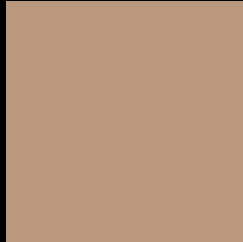
Large Text (above 18pt) WCAG AA × Fail

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 34.4019, 0.3743, 0.3653 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

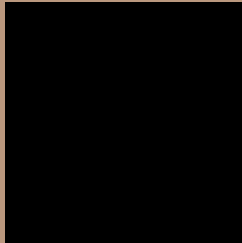
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4019, 0.3743, 0.3653

Background



This preview shows how black text looks on a background with the Yxy color 34.4019, 0.3743, 0.3653.



This preview shows how white text looks on a background with the Yxy color 34.4019, 0.3743, 0.3653.

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

34.4019, 0.3743, 0.3653

Protanopia

34.3635, 0.3500, 0.3719

Deuteranopia

34.2771, 0.3732, 0.3655



Tritanopia

34.3178, 0.3458, 0.3129

Trichromacy



Original Color

34.4019, 0.3743, 0.3653

Protanomaly

34.4494, 0.3590, 0.3695

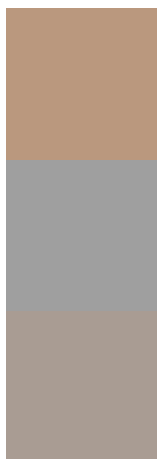
Deuteranomaly

34.2771, 0.3732, 0.3655

Tritanomaly

34.4203, 0.3567, 0.3319

Monochromacy



Original Color

34.4019, 0.3743, 0.3653

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3185, 0.3342, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4019, 0.3743, 0.3653 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(186, 152, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 152, 126)  
}
```

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(186, 152, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 152, 126) }
```

Border

The CSS property to change the border of an element to Yxy 34.4019, 0.3743, 0.3653 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(186, 152, 126) }
```

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

```
.border{ border-color:rgb(186, 152, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 152, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 152, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 152, 126);  
box-shadow:4px 4px 4px 4px rgb(186, 152,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4019, 0.3743, 0.3653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 152, 126) }
```

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

```
.background{ background-color: rgb(186,  
152, 126) }
```

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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