

Converting Colors

$Y_{xy}(40.1151, 0.3499, 0.3624)$

Have a look what the booklet for
Yxy(40.1151, 0.3499, 0.3624)
contains.

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Color

Yxy(40.1788, 0.3501, 0.3633)

Conversions

Conversions Part 1

Format	Color
Hex	B8A88F
RGB	184, 168, 143
RGB Percent	72%, 66%, 56%
CMY	0.2786, 0.3411, 0.4393
CMYK	0.00, 0.09, 0.22, 0.28
HSL	37°, 22%, 64%
HSV	37°, 22%, 72%
XYZ	38.7190, 40.1788, 31.6962
YIQ	169.9340, 17.5610, -4.3830

Conversions

Conversions Part 2

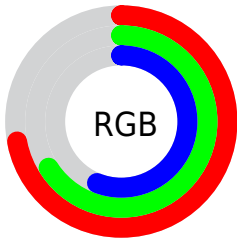
Format	Color
R_{YB}	169, 184, 143
Decimal	12101775
CIE _{Lab}	69.60, 1.70, 15.03
CIE _{LCh}	70, 15.126, 83.548
Yxy	40.1788, 0.3501, 0.3633
Android (android.graphics.Color)	4290291855 (0xFFB8A88F)
YUV	169.9340, -13.2785, 12.3359
Hunter-Lab	63.3867, -1.8924, 14.7230

Details

The Yxy color **40.1788, 0.3501, 0.3633** is a light color, and the websafe version is hex **999999**. A complement of this color would be **34.0674, 0.2775, 0.2921**, and the grayscale version is **40.2228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3318, 0.3427, 0.3565**, and **18.1064, 0.3617, 0.3725** is the 20% darker color. If you saturate the color by 10%, you get **37.0979, 0.3698, 0.3794**, and if you desaturate by 10%, it is **43.5001, 0.3322, 0.3475**.

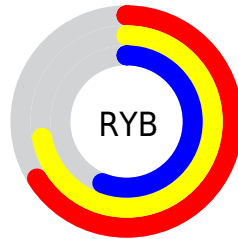
Distribution



Red (72%)

Green (66%)

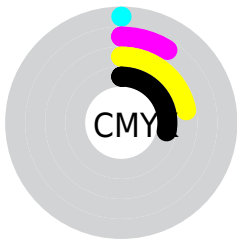
Blue (56%)



Red (66%)

Yellow (72%)

Blue (56%)

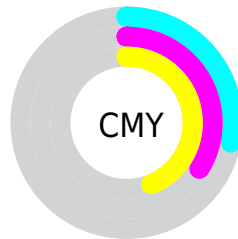


Cyan (0%)

Magenta (9%)

Yellow (22%)

Black (28%)



Cyan (28%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1788, 0.3501, 0.3633 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 40.1788, 0.3501, 0.3633 by changing the saturation by 10% instead.


 40.1788, 0.3501,
0.3633


 40.1788, 0.3501,
0.3633


346.8766, 0.3309,
0.3458

 27.6780, 0.3550,
0.3677


 75.4357, 0.3430,
0.3569

 18.0831, 0.3614,
0.3735


 98.9606, 0.3404,
0.3545

 11.0096, 0.3700,
0.3812


126.9289, 0.3382,
0.3525

 6.0733, 0.3823,
0.3919

159.7252, 0.3363,
0.3508

 2.8897, 0.4008,
0.4080

197.7336, 0.3347,
0.3493

 1.0744, 0.4753,
0.4776

241.3388, 0.3333,

 0.0000, 0.0000,

0.3480

0.0000

290.9250, 0.3320,
0.3469

■ 40.1788, 0.3501,
0.3633

■ 40.1788, 0.3501,
0.3633

■ 37.0979, 0.3698,
0.3794

■ 43.5001, 0.3322,
0.3475

■ 34.2453, 0.3910,
0.3953

■ 47.0629, 0.3161,
0.3323

■ 31.6155, 0.4134,
0.4100

■ 50.8750, 0.3018,
0.3181

■ 29.2008, 0.4362,
0.4227

■ 54.9423, 0.2891,
0.3048

■ 26.9929, 0.4585,
0.4321

■ 59.2703, 0.2778,
0.2925

■ 24.9824, 0.4790,
0.4372

■ 63.8646, 0.2679,
0.2813

■ 23.1585, 0.4966,
0.4372

■ 67.6034, 0.2679,
0.2879

■ 21.8623, 0.5086,
0.4344

■ 71.3974, 0.2687,
0.2960

■ 75.3536, 0.2695,
0.3041

Harmonies

Analogous

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



40.1788, 0.3569, 0.3493



40.1788, 0.3501, 0.3633



40.1788, 0.3332, 0.3684

Triad

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



40.1788, 0.3501, 0.3633



40.1788, 0.2755, 0.3252



40.1788, 0.3129, 0.2987

Complementary

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



40.1788, 0.3501, 0.3633



34.0674, 0.2775, 0.2921

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.



40.1788, 0.2915, 0.2921



40.1788, 0.3501, 0.3633



40.1788, 0.2705, 0.3064

Square

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



40.1788, 0.3501, 0.3633



40.1788, 0.2902, 0.3459



40.1788, 0.2762, 0.2946



40.1788, 0.3350, 0.3127

Rectangle

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



40.1788, 0.3501, 0.3633



40.1788, 0.3188, 0.3655



40.1788, 0.2762, 0.2946



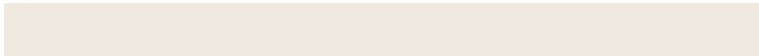
40.1788, 0.3054, 0.2956

Sweetspot

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



40.1806, 0.3501, 0.3633



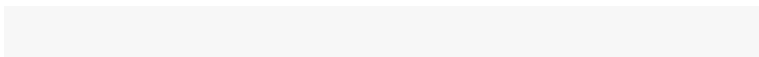
82.1724, 0.3237, 0.3396



32.3427, 0.3399, 0.3065



17.6325, 0.3246, 0.3405



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.



40.1806, 0.3501, 0.3633



69.9273, 0.3601, 0.3717



45.9316, 0.3421, 0.3844



9.9009, 0.3273, 0.3429



15.2159, 0.5072, 0.4355



0.6528, 0.4790, 0.4579

Inverse Universe

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



34.0674, 0.2775, 0.2921



56.7654, 0.2687, 0.2822



29.3114, 0.2795, 0.2684



9.2770, 0.2985, 0.3147



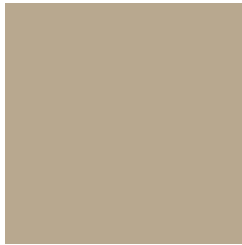
5.6698, 0.1682, 0.1254



0.3214, 0.1830, 0.1789

Previews

White Background



This preview shows how the Yxy color 40.1788, 0.3501, 0.3633 looks on a white background.

Color Contrast Check

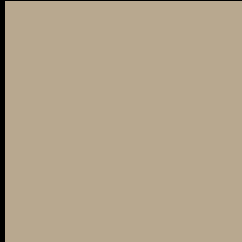
Large Text (above 18pt) WCAG AA × Fail

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 40.1788, 0.3501, 0.3633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

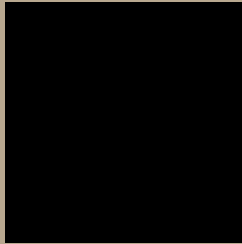
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1788, 0.3501, 0.3633

Background



This preview shows how black text looks on a background with the Yxy color 40.1788, 0.3501, 0.3633.



This preview shows how white text looks on a background with the Yxy color 40.1788, 0.3501, 0.3633.

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

40.1788, 0.3501, 0.3633

Protanopia

40.3468, 0.3438, 0.3651

Deuteranopia

40.3003, 0.3623, 0.3555



Tritanopia

40.0203, 0.3248, 0.3119

Trichromacy



Original Color

40.1788, 0.3501, 0.3633

Protanomaly

40.2133, 0.3460, 0.3635

Deuteranomaly

40.1304, 0.3580, 0.3571

Tritanomaly

40.1554, 0.3345, 0.3304

Monochromacy



Original Color

40.1788, 0.3501, 0.3633

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.0280, 0.3260, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1788, 0.3501, 0.3633 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(184, 168, 143)` looks like.

```
.text, #text, p{  
    color:rgb(184, 168, 143)  
}
```

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(184, 168, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 168, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.1788, 0.3501, 0.3633 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(184, 168, 143) }
```

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

```
.border{ border-color:rgb(184, 168, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 168, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 168, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 168, 143);  
box-shadow:4px 4px 4px 4px rgb(184, 168,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1788, 0.3501, 0.3633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 168, 143) }
```

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

```
.background{ background-color: rgb(184,  
168, 143) }
```

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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