

Converting Colors

$Yxy(40.4817, 0.3527, 0.3597)$

Have a look what the booklet for
Yxy(40.4817, 0.3527, 0.3597)
contains.

Yxy(40.3731, 0.3525, 0.3588)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(40.3731, 0.3525, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	BCA791
RGB	188, 167, 145
RGB Percent	74%, 65%, 57%
CMY	0.2628, 0.3450, 0.4314
CMYK	0.00, 0.11, 0.23, 0.26
HSL	31°, 24%, 65%
HSV	31°, 23%, 74%
XYZ	39.6642, 40.3731, 32.4853
YIQ	170.7710, 19.5780, -2.3900

Conversions

Conversions Part 2

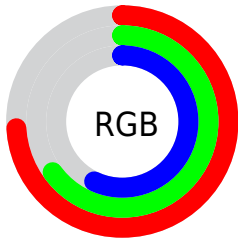
Format	Color
R _Y B	186, 188, 145
Decimal	12363665
CIE Lab	69.73, 4.10, 14.18
CIE LCh	70, 14.758, 73.878
Yxy	40.3731, 0.3525, 0.3588
Android (android.graphics.Color)	4290553745 (0xFFBCA791)
YUV	170.7710, -12.7051, 15.1098
Hunter-Lab	63.5398, 0.2324, 14.1654

Details

The Yxy color **40.3731, 0.3525, 0.3588** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9056, 0.2769, 0.2972**, and the grayscale version is **40.6609, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.7786, 0.3452, 0.3531**, and **18.1560, 0.3637, 0.3663** is the 20% darker color. If you saturate the color by 10%, you get **36.6008, 0.3737, 0.3725**, and if you desaturate by 10%, it is **44.4832, 0.3337, 0.3454**.

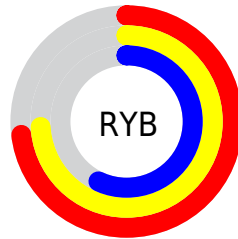
Distribution



Red (74%)

Green (65%)

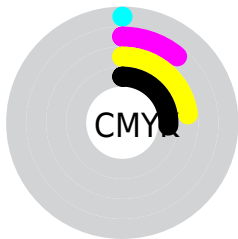
Blue (57%)



Red (73%)

Yellow (74%)

Blue (57%)

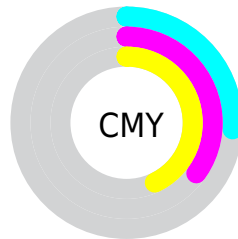


Cyan (0%)

Magenta (11%)

Yellow (23%)

Black (26%)



Cyan (26%)


Magenta (35%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.3731, 0.3525, 0.3588 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 40.3731, 0.3525, 0.3588 by changing the saturation by 10% instead.


 40.3731, 0.3525,
0.3588


 40.3731, 0.3525,
0.3588


347.6936, 0.3321,
0.3438

 27.8296, 0.3578,
0.3626


 75.7313, 0.3449,
0.3533

 18.1972, 0.3646,
0.3674


 99.3148, 0.3422,
0.3513

 11.0917, 0.3739,
0.3739


127.3470, 0.3398,
0.3495

 6.1285, 0.3871,
0.3829

160.2125, 0.3378,
0.3480

 2.9234, 0.4072,
0.3960

198.2954, 0.3361,
0.3468

 1.0919, 0.4759,
0.4491

241.9803, 0.3346,

 0.0000, 1.0000,

0.3456

0.0000

291.6516, 0.3332,
0.3446

0.0000, 0.0000,
0.0000

40.3731, 0.3525,
0.3588

40.3731, 0.3525,
0.3588

36.6008, 0.3737,
0.3725

44.4832, 0.3337,
0.3454

33.1512, 0.3971,
0.3860

48.9347, 0.3171,
0.3325

30.0160, 0.4225,
0.3985

53.7383, 0.3026,
0.3205

27.1842, 0.4492,
0.4089

58.9023, 0.2899,
0.3094

24.6443, 0.4759,
0.4160

64.4348, 0.2788,
0.2991

■ 22.3832, 0.5011,
0.4187

■ 70.1633, 0.2707,
0.2926

■ 20.3866, 0.5232,
0.4160

■ 75.1675, 0.2717,
0.3029

■ 19.1091, 0.5373,
0.4116

■ 80.4406, 0.2726,
0.3131

■ 85.9867, 0.2736,
0.3230

Harmonies

Analogous

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



40.3731, 0.3553, 0.3433



40.3731, 0.3525, 0.3588



40.3731, 0.3388, 0.3669

Triad

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



40.3731, 0.3525, 0.3588



40.3731, 0.2802, 0.3319



40.3731, 0.3059, 0.2965

Complementary

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



40.3731, 0.3525, 0.3588



36.9056, 0.2769, 0.2972

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.



40.3731, 0.2864, 0.2928



40.3731, 0.3525, 0.3588



40.3731, 0.2720, 0.3123

Square

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



40.3731, 0.3525, 0.3588



40.3731, 0.2970, 0.3514



40.3731, 0.2742, 0.2983



40.3731, 0.3278, 0.3081

Rectangle

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



40.3731, 0.3525, 0.3588



40.3731, 0.3256, 0.3665



40.3731, 0.2742, 0.2983



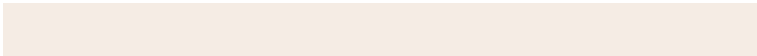
40.3731, 0.2988, 0.2943

Sweetspot

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



40.3749, 0.3525, 0.3588



85.2053, 0.3239, 0.3379



33.7073, 0.3364, 0.3001



18.2188, 0.3248, 0.3387



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.



40.3749, 0.3525, 0.3588



69.9883, 0.3619, 0.3651



48.6911, 0.3467, 0.3853



10.3227, 0.3276, 0.3408



13.1627, 0.5354, 0.4131



0.6462, 0.5005, 0.4408

Inverse Universe

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



36.9056, 0.2769, 0.2972



62.6879, 0.2694, 0.2900



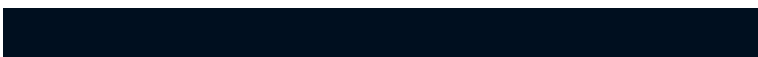
29.8961, 0.2745, 0.2658



9.9728, 0.2984, 0.3169



7.7951, 0.1766, 0.1557



0.4363, 0.1890, 0.2002

Previews

White Background



This preview shows how the Yxy color 40.3731, 0.3525, 0.3588 looks on a white background.

Color Contrast Check

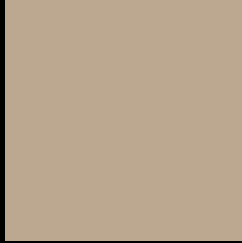
Large Text (above 18pt) WCAG AA × Fail

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 40.3731, 0.3525, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

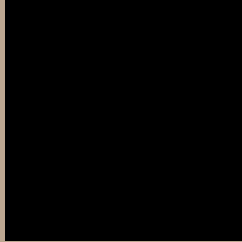
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.3731, 0.3525, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 40.3731, 0.3525, 0.3588.



This preview shows how white text looks on a background with the Yxy color 40.3731, 0.3525, 0.3588.

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

40.3731, 0.3525, 0.3588

Protanopia

40.4085, 0.3420, 0.3623

Deuteranopia

40.3620, 0.3604, 0.3528



Tritanopia

40.4960, 0.3295, 0.3134

Trichromacy



Original Color

40.3731, 0.3525, 0.3588

Protanomaly

40.3963, 0.3452, 0.3606

Deuteranomaly

40.3230, 0.3571, 0.3544

Tritanomaly

40.3076, 0.3385, 0.3291

Monochromacy



Original Color

40.3731, 0.3525, 0.3588

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.7052, 0.3260, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.3731, 0.3525, 0.3588 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(188, 167, 145)` looks like.

```
.text, #text, p{  
    color:rgb(188, 167, 145)  
}
```

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(188, 167, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 167, 145) }
```

Border

The CSS property to change the border of an element to Yxy 40.3731, 0.3525, 0.3588 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(188, 167, 145) }
```

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

```
.border{ border-color:rgb(188, 167, 145) }
```

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

Here you see how a box with a 4 pixel rgb(188, 167, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 167, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 167, 145);  
box-shadow:4px 4px 4px 4px rgb(188, 167,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 40.3731, 0.3525, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 167, 145) }
```

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

```
.background{ background-color: rgb(188,  
167, 145) }
```

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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