

Converting Colors

$Y_{xy}(42.7678, 0.3677, 0.3949)$

Have a look what the booklet for
Yxy(42.7678, 0.3677, 0.3949)
contains.

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Color

Yxy(42.8320, 0.3676, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	BCAF7D
RGB	188, 175, 125
RGB Percent	74%, 69%, 49%
CMY	0.2628, 0.3137, 0.5096
CMYK	0.00, 0.07, 0.33, 0.26
HSL	48°, 32%, 61%
HSV	48°, 33%, 74%
XYZ	39.7703, 42.8320, 25.5867
YIQ	173.1870, 23.7980, -12.7940

Conversions

Conversions Part 2

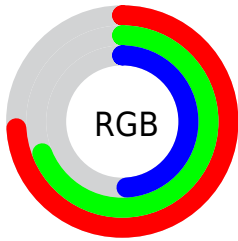
Format	Color
RYB	141, 188, 125
Decimal	12365693
CIELab	71.44, -2.92, 27.34
CIELCh	71, 27.497, 96.105
Yxy	42.8320, 0.3676, 0.3959
Android (android.graphics.Color)	4290555773 (0xFFBCAF7D)
YUV	173.1870, -23.7562, 12.9910
Hunter-Lab	65.4462, -6.0601, 22.6324

Details

The Yxy color **42.8320, 0.3676, 0.3959** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.1765, 0.2560, 0.2516**, and the grayscale version is **42.0058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.2205, 0.3579, 0.3832**, and **19.7423, 0.3834, 0.4162** is the 20% darker color. If you saturate the color by 10%, you get **40.9104, 0.3854, 0.4156**, and if you desaturate by 10%, it is **44.8918, 0.3502, 0.3756**.

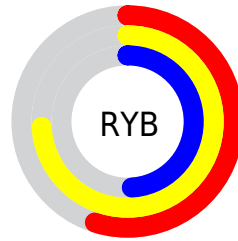
Distribution



Red (74%)

Green (69%)

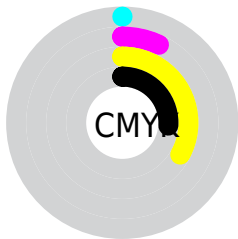
Blue (49%)



Red (55%)

Yellow (74%)

Blue (49%)

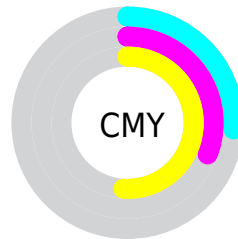


Cyan (0%)

Magenta (7%)

Yellow (33%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8320, 0.3676, 0.3959 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 42.8320, 0.3676, 0.3959 by changing the saturation by 10% instead.


 42.8320, 0.3676,
0.3959

 42.8320, 0.3676,
0.3959


357.9204, 0.3402,
0.3621


 29.7533, 0.3743,
0.4043


 79.4573, 0.3577,
0.3836

 19.6514, 0.3827,
0.4151


 103.7727, 0.3540,
0.3790

 12.1419, 0.3936,
0.4291


 132.6024, 0.3508,
0.3751

 6.8404, 0.4079,
0.4481

166.3309, 0.3481,
0.3717

 3.3625, 0.4285,
0.4762

205.3426, 0.3457,
0.3688

 1.3238, 0.4686,
0.5314

250.0218, 0.3437,

 0.1595, 0.3346,

0.3663

0.6654

300.7529, 0.3418,
0.3641

0.0000, 0.0000,
0.0000

42.8320, 0.3676,
0.3959

42.8320, 0.3676,
0.3959

40.9104, 0.3854,
0.4156

44.8918, 0.3502,
0.3756

39.1156, 0.4029,
0.4336

47.0890, 0.3335,
0.3553

37.4435, 0.4194,
0.4492

49.4303, 0.3179,
0.3356

35.8875, 0.4342,
0.4611

51.9202, 0.3035,
0.3169

34.4399, 0.4466,
0.4688

54.5629, 0.2903,
0.2994

■ 33.0916, 0.4561,
0.4718

■ 57.3625, 0.2783,
0.2831

■ 32.2549, 0.4612,
0.4720

■ 60.2173, 0.2685,
0.2698

■ 62.0611, 0.2689,
0.2742

■ 63.9509, 0.2694,
0.2787

Harmonies

Analogous

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



42.8320, 0.3889, 0.3749



42.8320, 0.3676, 0.3959



42.8320, 0.3322, 0.3987

Triad

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



42.8320, 0.3676, 0.3959



42.8320, 0.2422, 0.3057



42.8320, 0.3294, 0.2855

Complementary

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



42.8320, 0.3676, 0.3959



26.1765, 0.2560, 0.2516

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.



42.8320, 0.2897, 0.2686



42.8320, 0.3676, 0.3959



42.8320, 0.2414, 0.2779

Square

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



42.8320, 0.3676, 0.3959



42.8320, 0.2604, 0.3434



42.8320, 0.2582, 0.2654



42.8320, 0.3665, 0.3126

Rectangle

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



42.8320, 0.3676, 0.3959



42.8320, 0.3058, 0.3880



42.8320, 0.2582, 0.2654



42.8320, 0.3158, 0.2786

Sweetspot

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



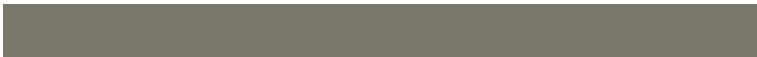
42.8340, 0.3676, 0.3959



86.7351, 0.3282, 0.3487



27.2221, 0.3727, 0.3102



18.5256, 0.3304, 0.3515



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.



42.8340, 0.3676, 0.3959



75.1181, 0.3803, 0.4101



46.0054, 0.3463, 0.4160



10.7773, 0.3269, 0.3471



22.0730, 0.4606, 0.4725



0.9504, 0.4489, 0.4817

Inverse Universe

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



26.1765, 0.2560, 0.2516



40.4361, 0.2423, 0.2317



24.1366, 0.2701, 0.2352



9.5356, 0.2984, 0.3102



3.5378, 0.1562, 0.0823



0.2338, 0.1686, 0.1269

Previews

White Background



This preview shows how the Yxy color 42.8320, 0.3676, 0.3959 looks on a white background.

Color Contrast Check

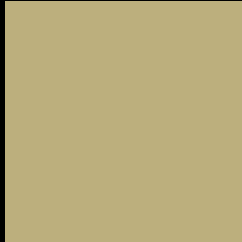
Large Text (above 18pt) WCAG AA × Fail

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 42.8320, 0.3676, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

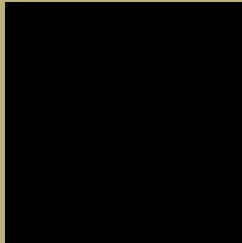
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.8320, 0.3676, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 42.8320, 0.3676, 0.3959.



This preview shows how white text looks on a background with the Yxy color 42.8320, 0.3676, 0.3959.

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

42.8320, 0.3676, 0.3959

Protanopia

42.8320, 0.3676, 0.3959

Deuteranopia

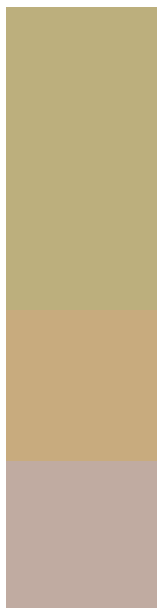
42.8030, 0.3875, 0.3808



Tritanopia

42.8108, 0.3254, 0.3124

Trichromacy



Original Color

42.8320, 0.3676, 0.3959

Protanomaly

42.8320, 0.3676, 0.3959

Deuteranomaly

42.9115, 0.3802, 0.3871

Tritanomaly

42.9055, 0.3408, 0.3422

Monochromacy



Original Color

42.8320, 0.3676, 0.3959

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.1374, 0.3315, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8320, 0.3676, 0.3959 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, 175, 125)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 125)  
}
```

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, 175, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 125) }
```

Border

The CSS property to change the border of an element to Yxy 42.8320, 0.3676, 0.3959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

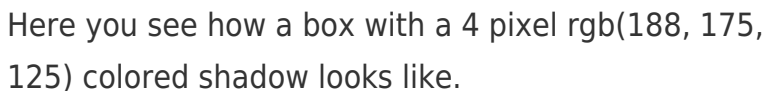
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 175, 125) }
```

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

```
.border{ border-color:rgb(188, 175, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 175, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 175, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 175, 125); box-shadow:4px 4px 4px 4px rgb(188, 175, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8320, 0.3676, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 125) }
```

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

```
.background{ background-color: rgb(188,  
175, 125) }
```

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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