

Converting Colors

$Y_{xy}(41.7742, 0.3635, 0.3820)$

Have a look what the booklet for
Yxy(41.7742, 0.3635, 0.3820)
contains.

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Color

Yxy(41.9898, 0.3637, 0.3827)

Conversions

Conversions Part 1

Format	Color
Hex	BDAC84
RGB	189, 172, 132
RGB Percent	74%, 67%, 52%
CMY	0.2588, 0.3255, 0.4824
CMYK	0.00, 0.09, 0.30, 0.26
HSL	42°, 30%, 63%
HSV	42°, 30%, 74%
XYZ	39.9051, 41.9898, 27.8250
YIQ	172.5230, 22.9720, -8.8360

Conversions

Conversions Part 2

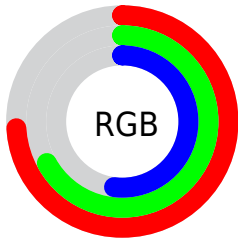
Format	Color
RYB	156, 189, 132
Decimal	12430468
CIELab	70.86, -0.02, 22.85
CIELCh	71, 22.848, 90.039
Yxy	41.9898, 0.3637, 0.3827
Android (android.graphics.Color)	4290620548 (0xFFBDAC84)
YUV	172.5230, -19.9778, 14.4503
Hunter-Lab	64.7995, -3.4746, 19.9005

Details

The Yxy color **41.9898, 0.3637, 0.3827** is a light color, and the websafe version is hex **999966**. A complement of this color would be **30.0724, 0.2631, 0.2687**, and the grayscale version is **41.6295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0338, 0.3546, 0.3728**, and **19.1930, 0.3786, 0.3986** is the 20% darker color. If you saturate the color by 10%, you get **39.4194, 0.3830, 0.4007**, and if you desaturate by 10%, it is **44.7488, 0.3454, 0.3644**.

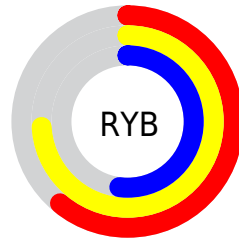
Distribution



Red (74%)

Green (67%)

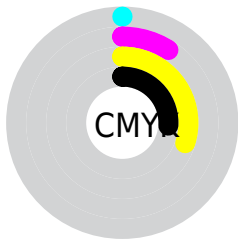
Blue (52%)



Red (61%)

Yellow (74%)

Blue (52%)

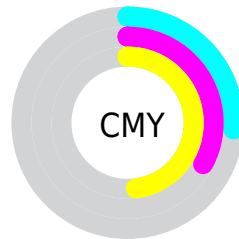


Cyan (0%)

Magenta (9%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9898, 0.3637, 0.3827 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 41.9898, 0.3637, 0.3827 by changing the saturation by 10% instead.


 41.9898, 0.3637,
0.3827


 41.9898, 0.3637,
0.3827

354.4407, 0.3379,
0.3556

 29.0933, 0.3701,
0.3895


 78.1842, 0.3543,
0.3728

 19.1514, 0.3784,
0.3982


 102.2509, 0.3508,
0.3691

 11.7797, 0.3892,
0.4096


 130.8097, 0.3478,
0.3660

 6.5939, 0.4040,
0.4252

164.2452, 0.3453,
0.3633

 3.2094, 0.4249,
0.4472

202.9416, 0.3431,
0.3610

 1.2420, 0.4872,
0.5128

247.2834, 0.3411,

 0.0956, 0.4863,

0.3589

0.5137

297.6549, 0.3394,
0.3572

0.0000, 0.0000,
0.0000

41.9898, 0.3637,
0.3827

41.9898, 0.3637,
0.3827

39.4194, 0.3830,
0.4007

44.7488, 0.3454,
0.3644

37.0257, 0.4029,
0.4177

47.6966, 0.3285,
0.3465

34.8040, 0.4227,
0.4327

50.8403, 0.3130,
0.3293

32.7469, 0.4416,
0.4445

54.1853, 0.2990,
0.3131

30.8463, 0.4585,
0.4522

57.7364, 0.2864,
0.2980

■ 29.0925, 0.4727,
0.4551

■ 61.4984, 0.2751,
0.2841

■ 27.4948, 0.4841,
0.4538

■ 64.8626, 0.2702,
0.2806

■ 67.7217, 0.2708,
0.2871

■ 70.6802, 0.2714,
0.2935

Harmonies

Analogous

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



41.9898, 0.3780, 0.3634



41.9898, 0.3637, 0.3827



41.9898, 0.3359, 0.3879

Triad

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



41.9898, 0.3637, 0.3827



41.9898, 0.2551, 0.3159



41.9898, 0.3200, 0.2885

Complementary

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



41.9898, 0.3637, 0.3827



30.0724, 0.2631, 0.2687

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.



41.9898, 0.2874, 0.2762



41.9898, 0.3637, 0.3827



41.9898, 0.2513, 0.2902

Square

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



41.9898, 0.3637, 0.3827



41.9898, 0.2736, 0.3477



41.9898, 0.2628, 0.2764



41.9898, 0.3522, 0.3102

Rectangle

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



41.9898, 0.3637, 0.3827



41.9898, 0.3139, 0.3813



41.9898, 0.2628, 0.2764



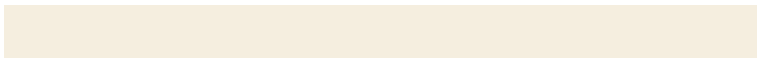
41.9898, 0.3087, 0.2832

Sweetspot

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



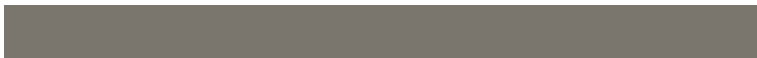
41.9917, 0.3637, 0.3827



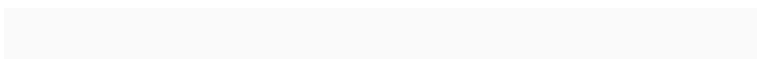
85.9736, 0.3268, 0.3447



29.4915, 0.3593, 0.3056



18.3170, 0.3292, 0.3472



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.



41.9917, 0.3637, 0.3827



72.2082, 0.3760, 0.3943



47.4851, 0.3474, 0.4060



10.6268, 0.3271, 0.3450



18.6348, 0.4830, 0.4547



0.8390, 0.4644, 0.4694

Inverse Universe

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



30.0724, 0.2631, 0.2687



47.5662, 0.2516, 0.2534



26.0473, 0.2706, 0.2445



9.6769, 0.2984, 0.3124



4.5180, 0.1615, 0.1013



0.2950, 0.1755, 0.1517

Previews

White Background



This preview shows how the Yxy color 41.9898, 0.3637, 0.3827 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 41.9898, 0.3637, 0.3827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

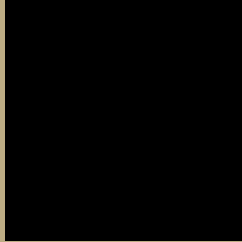
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9898, 0.3637, 0.3827

Background



This preview shows how black text looks on a background with the Yxy color 41.9898, 0.3637, 0.3827.



This preview shows how white text looks on a background with the Yxy color 41.9898, 0.3637, 0.3827.

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

41.9898, 0.3637, 0.3827

Protanopia

41.8949, 0.3585, 0.3833

Deuteranopia

41.8033, 0.3799, 0.3713



Tritanopia

41.9964, 0.3274, 0.3124

Trichromacy



Original Color

41.9898, 0.3637, 0.3827

Protanomaly

42.0197, 0.3595, 0.3831

Deuteranomaly

41.8408, 0.3741, 0.3746

Tritanomaly

41.8204, 0.3405, 0.3370

Monochromacy



Original Color

41.9898, 0.3637, 0.3827

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9395, 0.3309, 0.3495

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9898, 0.3637, 0.3827 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, 172, 132)` looks like.

```
.text, #text, p{  
    color:rgb(189, 172, 132)  
}
```

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, 172, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 172, 132) }
```

Border

The CSS property to change the border of an element to Yxy 41.9898, 0.3637, 0.3827 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, 172, 132) }
```

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

```
.border{ border-color:rgb(189, 172, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 172, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 172, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 172, 132);  
box-shadow:4px 4px 4px 4px rgb(189, 172,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9898, 0.3637, 0.3827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 172, 132) }
```

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

```
.background{ background-color: rgb(189,  
172, 132) }
```

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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