

Converting Colors

$Yxy(42.0204, 0.3424, 0.3633)$

Have a look what the booklet for
Yxy(42.0204, 0.3424, 0.3633)
contains.

Yxy(41.9703, 0.3424, 0.3631)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.9703, 0.3424, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD94
RGB	182, 173, 148
RGB Percent	71%, 68%, 58%
CMY	0.2864, 0.3215, 0.4195
CMYK	0.00, 0.05, 0.19, 0.29
HSL	44°, 19%, 65%
HSV	44°, 19%, 71%
XYZ	39.5776, 41.9703, 34.0409
YIQ	172.8410, 13.3890, -5.8670

Conversions

Conversions Part 2

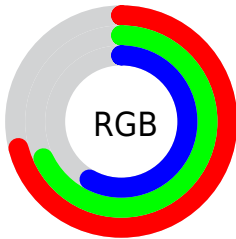
Format	Color
R _Y B	160, 182, 148
Decimal	11971988
CIE Lab	70.85, -0.98, 14.00
CIE LCh	71, 14.036, 94.022
Yxy	41.9703, 0.3424, 0.3631
Android (android.graphics.Color)	4290162068 (0xFFB6AD94)
YUV	172.8410, -12.2466, 8.0324
Hunter-Lab	64.7845, -4.3251, 14.1953

Details

The Yxy color **41.9703, 0.3424, 0.3631** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.7852, 0.2831, 0.2924**, and the grayscale version is **41.7626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9282, 0.3369, 0.3564**, and **19.2049, 0.3517, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **39.6299, 0.3601, 0.3821**, and if you desaturate by 10%, it is **44.4713, 0.3259, 0.3445**.

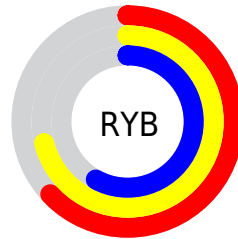
Distribution



Red (71%)

Green (68%)

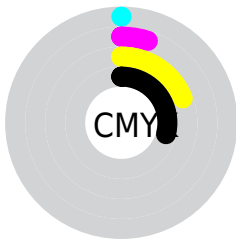
Blue (58%)



Red (63%)

Yellow (71%)

Blue (58%)

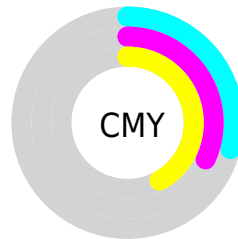


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (29%)



Cyan (29%)


Magenta (32%)

Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9703, 0.3424, 0.3631 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 41.9703, 0.3424, 0.3631 by changing the saturation by 10% instead.


 41.9703, 0.3424,
0.3631


 41.9703, 0.3424,
0.3631

354.3598, 0.3273,
0.3457

 29.0780, 0.3462,
0.3675


 78.1547, 0.3369,
0.3567

 19.1399, 0.3512,
0.3733


 102.2156, 0.3348,
0.3543

 11.7714, 0.3578,
0.3810


130.7681, 0.3331,
0.3523

 6.5882, 0.3671,
0.3919

164.1968, 0.3316,
0.3506

 3.2059, 0.3810,
0.4084

202.8859, 0.3303,
0.3492

 1.2402, 0.4227,
0.4563

247.2198, 0.3292,

 0.0941, 0.4101,

0.3479

0.5899

297.5830, 0.3282,
0.3467

0.0000, 0.0000,
0.0000

41.9703, 0.3424,
0.3631

41.9703, 0.3424,
0.3631

39.6299, 0.3601,
0.3821

44.4713, 0.3259,
0.3445

37.4397, 0.3786,
0.4009

47.1320, 0.3108,
0.3267

35.3963, 0.3976,
0.4188

49.9586, 0.2970,
0.3099

33.4939, 0.4164,
0.4347

52.9554, 0.2846,
0.2942

31.7264, 0.4341,
0.4476

56.1262, 0.2734,
0.2798

■ 30.0867, 0.4500,
0.4566

■ 59.3317, 0.2647,
0.2688

■ 28.5668, 0.4632,
0.4610

■ 61.6202, 0.2653,
0.2744

■ 27.1532, 0.4738,
0.4610

■ 63.9796, 0.2659,
0.2800

■ 26.9693, 0.4751,
0.4609

■ 66.4104, 0.2665,
0.2856

Harmonies

Analogous

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



41.9703, 0.3522, 0.3528



41.9703, 0.3424, 0.3631



41.9703, 0.3248, 0.3641

Triad

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



41.9703, 0.3424, 0.3631



41.9703, 0.2759, 0.3191



41.9703, 0.3202, 0.3050

Complementary

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



41.9703, 0.3424, 0.3631



33.7852, 0.2831, 0.2924

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.



41.9703, 0.2998, 0.2964



41.9703, 0.3424, 0.3631



41.9703, 0.2747, 0.3037

Square

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



41.9703, 0.3424, 0.3631



41.9703, 0.2866, 0.3380



41.9703, 0.2833, 0.2957



41.9703, 0.3392, 0.3196

Rectangle

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



41.9703, 0.3424, 0.3631



41.9703, 0.3111, 0.3590



41.9703, 0.2833, 0.2957



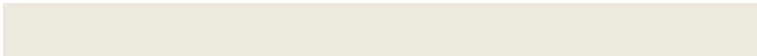
41.9703, 0.3133, 0.3013

Sweetspot

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



41.9722, 0.3424, 0.3631



81.8538, 0.3219, 0.3398



33.5663, 0.3392, 0.3165



18.0111, 0.3229, 0.3410



93.3107, 0.3127, 0.3290



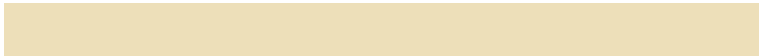
18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.9722, 0.3424, 0.3631



74.5058, 0.3488, 0.3701



44.5906, 0.3332, 0.3757



10.0911, 0.3270, 0.3457



19.1636, 0.4743, 0.4616



0.7708, 0.4573, 0.4751

Inverse Universe

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



33.7852, 0.2831, 0.2924



57.1694, 0.2768, 0.2842



31.6259, 0.2897, 0.2799



9.0950, 0.2985, 0.3117



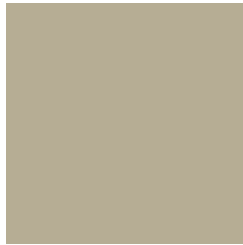
3.9766, 0.1594, 0.0938



0.2449, 0.1741, 0.1467

Previews

White Background



This preview shows how the Yxy color 41.9703, 0.3424, 0.3631 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 41.9703, 0.3424, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

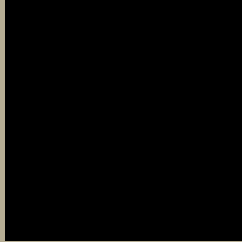
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

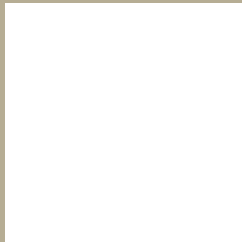
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9703, 0.3424, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 41.9703, 0.3424, 0.3631.



This preview shows how white text looks on a background with the Yxy color 41.9703, 0.3424, 0.3631.

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

41.9703, 0.3424, 0.3631

Protanopia

41.9703, 0.3424, 0.3631

Deuteranopia

41.9495, 0.3596, 0.3525



Tritanopia

41.7806, 0.3181, 0.3120

Trichromacy



Original Color

41.9703, 0.3424, 0.3631

Protanomaly

41.9703, 0.3424, 0.3631

Deuteranomaly

41.8833, 0.3531, 0.3555

Tritanomaly

41.9283, 0.3273, 0.3304

Monochromacy



Original Color

41.9703, 0.3424, 0.3631

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.7976, 0.3230, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9703, 0.3424, 0.3631 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(182, 173, 148)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 148)  
}
```

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(182, 173, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 148) }
```

Border

The CSS property to change the border of an element to Yxy 41.9703, 0.3424, 0.3631 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(182, 173, 148) }
```

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

```
.border{ border-color:rgb(182, 173, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 148);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9703, 0.3424, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 148) }
```

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

```
.background{ background-color: rgb(182,  
173, 148) }
```

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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