

Converting Colors

$Y_{xy}(41.5878, 0.3533, 0.3645)$

Have a look what the booklet for
Yxy(41.5878, 0.3533, 0.3645)
contains.

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Color

Yxy(41.5819, 0.3535, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	BDAA90
RGB	189, 170, 144
RGB Percent	74%, 67%, 56%
CMY	0.2589, 0.3333, 0.4352
CMYK	0.00, 0.10, 0.24, 0.26
HSL	35°, 25%, 65%
HSV	35°, 24%, 74%
XYZ	40.3935, 41.5819, 32.2920
YIQ	172.7170, 19.6700, -4.0580

Conversions

Conversions Part 2

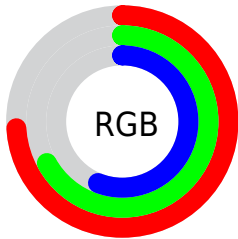
Format	Color
RYB	177, 189, 144
Decimal	12429968
CIELab	70.58, 2.72, 15.90
CIELCh	71, 16.135, 80.287
Yxy	41.5819, 0.3535, 0.3639
Android (android.graphics.Color)	4290620048 (0xFFBDAA90)
YUV	172.7170, -14.1575, 14.2802
Hunter-Lab	64.4840, -1.0326, 15.4479

Details

The Yxy color **41.5819, 0.3535, 0.3639** is a light color, and the websafe version is hex **999966**. A complement of this color would be **35.7995, 0.2750, 0.2914**, and the grayscale version is **41.7043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.5205, 0.3461, 0.3571**, and **18.9159, 0.3649, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **38.1526, 0.3740, 0.3793**, and if you desaturate by 10%, it is **45.2931, 0.3350, 0.3488**.

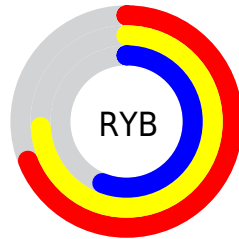
Distribution



Red (74%)

Green (67%)

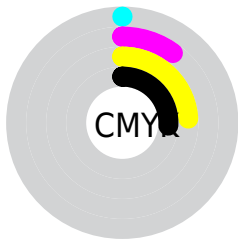
Blue (56%)



Red (69%)

Yellow (74%)

Blue (56%)

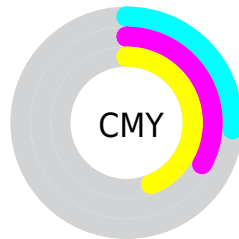


Cyan (0%)

Magenta (10%)

Yellow (24%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5819, 0.3535, 0.3639 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 41.5819, 0.3535, 0.3639 by changing the saturation by 10% instead.


 41.5819, 0.3535,
0.3639


 41.5819, 0.3535,
0.3639


352.7468, 0.3327,
0.3463

 28.7741, 0.3588,
0.3683


 77.5665, 0.3459,
0.3575

 18.9100, 0.3657,
0.3740


 101.5119, 0.3430,
0.3551

 11.6052, 0.3749,
0.3815


129.9388, 0.3406,
0.3530

 6.4755, 0.3879,
0.3920

163.2313, 0.3386,
0.3513

 3.1363, 0.4074,
0.4072

201.7740, 0.3368,
0.3498

 1.2033, 0.4731,
0.4639

245.9512, 0.3353,

 0.0644, 0.6647,

0.3485

0.3353

296.1474, 0.3339,
0.3473

0.0000, 0.0000,
0.0000

41.5819, 0.3535,
0.3639

41.5819, 0.3535,
0.3639

38.1526, 0.3740,
0.3793

45.2931, 0.3350,
0.3488

34.9917, 0.3962,
0.3943

49.2883, 0.3185,
0.3343

32.0925, 0.4197,
0.4081

53.5765, 0.3038,
0.3206

29.4459, 0.4438,
0.4196

58.1646, 0.2909,
0.3079

27.0420, 0.4674,
0.4278

63.0594, 0.2795,
0.2962

■ 24.8698, 0.4891,
0.4313

■ 68.1106, 0.2708,
0.2879

■ 22.9166, 0.5078,
0.4297

■ 72.3443, 0.2717,
0.2970

■ 21.8012, 0.5182,
0.4267

■ 76.7798, 0.2725,
0.3059

■ 81.4197, 0.2733,
0.3147

Harmonies

Analogous

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



41.5819, 0.3593, 0.3484



41.5819, 0.3535, 0.3639



41.5819, 0.3366, 0.3706

Triad

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



41.5819, 0.3535, 0.3639



41.5819, 0.2748, 0.3273



41.5819, 0.3103, 0.2960

Complementary

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



41.5819, 0.3535, 0.3639



35.7995, 0.2750, 0.2914

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.



41.5819, 0.2882, 0.2900



41.5819, 0.3535, 0.3639



41.5819, 0.2683, 0.3070

Square

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



41.5819, 0.3535, 0.3639



41.5819, 0.2912, 0.3491



41.5819, 0.2731, 0.2937



41.5819, 0.3338, 0.3099

Rectangle

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



41.5819, 0.3535, 0.3639



41.5819, 0.3216, 0.3685



41.5819, 0.2731, 0.2937



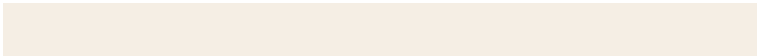
41.5819, 0.3025, 0.2930

Sweetspot

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



41.5838, 0.3535, 0.3639



85.8568, 0.3238, 0.3390



33.4333, 0.3407, 0.3028



18.3702, 0.3247, 0.3399



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.



41.5838, 0.3535, 0.3639



70.9428, 0.3649, 0.3726



48.8404, 0.3455, 0.3881



10.4273, 0.3274, 0.3423



14.8251, 0.5166, 0.4280



0.7076, 0.4874, 0.4512

Inverse Universe

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



35.7995, 0.2750, 0.2914



58.6341, 0.2655, 0.2810



29.8325, 0.2754, 0.2634



9.8694, 0.2984, 0.3154



6.4542, 0.1708, 0.1349



0.3825, 0.1842, 0.1830

Previews

White Background



This preview shows how the Yxy color 41.5819, 0.3535, 0.3639 looks on a white background.

Color Contrast Check

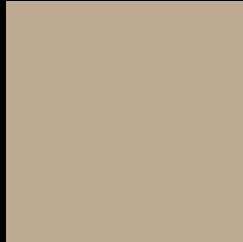
Large Text (above 18pt) WCAG AA × Fail

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 41.5819, 0.3535, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

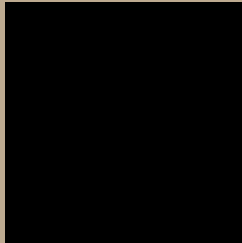
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

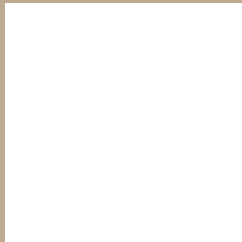
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5819, 0.3535, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 41.5819, 0.3535, 0.3639.



This preview shows how white text looks on a background with the Yxy color 41.5819, 0.3535, 0.3639.

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

41.5819, 0.3535, 0.3639

Protanopia

41.4945, 0.3453, 0.3660

Deuteranopia

41.4589, 0.3637, 0.3564



Tritanopia

41.4621, 0.3275, 0.3123

Trichromacy



Original Color

41.5819, 0.3535, 0.3639

Protanomaly

41.4844, 0.3485, 0.3643

Deuteranomaly

41.2839, 0.3594, 0.3581

Tritanomaly

41.5971, 0.3371, 0.3304

Monochromacy



Original Color

41.5819, 0.3535, 0.3639

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.6974, 0.3276, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5819, 0.3535, 0.3639 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, 170, 144)` looks like.

```
.text, #text, p{  
    color:rgb(189, 170, 144)  
}
```

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, 170, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 170, 144) }
```

Border

The CSS property to change the border of an element to Yxy 41.5819, 0.3535, 0.3639 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, 170, 144) }
```

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

```
.border{ border-color:rgb(189, 170, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 170, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 170, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 170, 144);  
box-shadow:4px 4px 4px 4px rgb(189, 170,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5819, 0.3535, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 170, 144) }
```

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

```
.background{ background-color: rgb(189,  
170, 144) }
```

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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