

Converting Colors

$Y_{xy}(41.1831, 0.3471, 0.3640)$

Have a look what the booklet for
Yxy(41.1831, 0.3471, 0.3640)
contains.

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Color

Yxy(41.3605, 0.3475, 0.3644)

Conversions

Conversions Part 1

Format	Color
Hex	B8AB91
RGB	184, 171, 145
RGB Percent	72%, 67%, 57%
CMY	0.2784, 0.3294, 0.4313
CMYK	0.00, 0.07, 0.21, 0.28
HSL	40°, 22%, 65%
HSV	40°, 21%, 72%
XYZ	39.4423, 41.3605, 32.7002
YIQ	171.9230, 16.0940, -5.3300

Conversions

Conversions Part 2

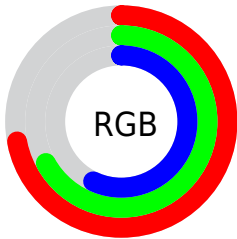
Format	Color
R _Y B	165, 184, 145
Decimal	12102545
CIE Lab	70.43, 0.41, 15.08
CIE LCh	70, 15.084, 88.437
Yxy	41.3605, 0.3475, 0.3644
Android (android.graphics.Color)	4290292625 (0xFFB8AB91)
YUV	171.9230, -13.2730, 10.5915
Hunter-Lab	64.3121, -3.0731, 14.8718

Details

The Yxy color **41.3605, 0.3475, 0.3644** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.9426, 0.2791, 0.2909**, and the grayscale version is **41.2779, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0415, 0.3408, 0.3575**, and **18.8271, 0.3590, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **38.5752, 0.3663, 0.3818**, and if you desaturate by 10%, it is **44.3490, 0.3302, 0.3473**.

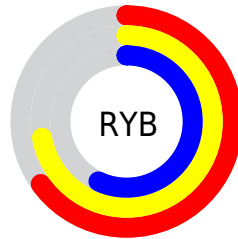
Distribution



Red (72%)

Green (67%)

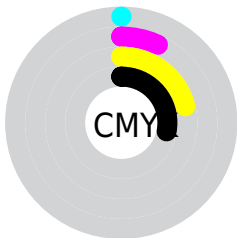
Blue (57%)



Red (65%)

Yellow (72%)

Blue (57%)

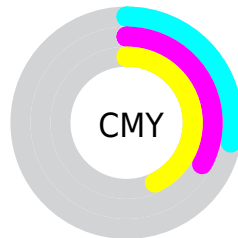


Cyan (0%)

Magenta (7%)

Yellow (21%)

Black (28%)



Cyan (28%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3605, 0.3475, 0.3644 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 41.3605, 0.3475, 0.3644 by changing the saturation by 10% instead.


 41.3605, 0.3475,
0.3644


 41.3605, 0.3475,
0.3644


351.8251, 0.3298,
0.3464

 28.6009, 0.3520,
0.3690


 77.2308, 0.3410,
0.3578

 18.7791, 0.3579,
0.3749


 101.1104, 0.3386,
0.3553

 11.5108, 0.3657,
0.3828


129.4653, 0.3365,
0.3533

 6.4115, 0.3767,
0.3939

162.6800, 0.3348,
0.3515

 3.0969, 0.3933,
0.4105

201.1390, 0.3333,
0.3500

 1.1825, 0.4506,
0.4690

245.2266, 0.3320,

 0.0474, 0.5376,

0.3486

0.4624

295.3271, 0.3308,
0.3474

0.0000, 0.0000,
0.0000

41.3605, 0.3475,
0.3644

41.3605, 0.3475,
0.3644

38.5752, 0.3663,
0.3818

44.3490, 0.3302,
0.3473

35.9818, 0.3863,
0.3990

47.5408, 0.3145,
0.3309

33.5758, 0.4071,
0.4151

50.9430, 0.3003,
0.3154

31.3506, 0.4280,
0.4291

54.5605, 0.2877,
0.3010

29.2986, 0.4481,
0.4400

58.3982, 0.2764,
0.2877

■ 27.4118, 0.4663,
0.4467

■ 62.4335, 0.2667,
0.2760

■ 25.6805, 0.4817,
0.4484

■ 65.4802, 0.2674,
0.2831

■ 24.2681, 0.4933,
0.4465

■ 68.6440, 0.2681,
0.2901

■ 71.9259, 0.2688,
0.2971

Harmonies

Analogous

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



41.3605, 0.3560, 0.3518



41.3605, 0.3475, 0.3644



41.3605, 0.3296, 0.3677

Triad

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



41.3605, 0.3475, 0.3644



41.3605, 0.2744, 0.3219



41.3605, 0.3166, 0.3009

Complementary

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



41.3605, 0.3475, 0.3644



33.9426, 0.2791, 0.2909

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.



41.3605, 0.2949, 0.2930



41.3605, 0.3475, 0.3644



41.3605, 0.2712, 0.3042

Square

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



41.3605, 0.3475, 0.3644



41.3605, 0.2876, 0.3425



41.3605, 0.2785, 0.2940



41.3605, 0.3379, 0.3156

Rectangle

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



41.3605, 0.3475, 0.3644



41.3605, 0.3151, 0.3636



41.3605, 0.2785, 0.2940



41.3605, 0.3091, 0.2974

Sweetspot

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



41.3624, 0.3475, 0.3644



83.2882, 0.3220, 0.3388



32.9391, 0.3403, 0.3103



17.8750, 0.3230, 0.3399



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.



41.3624, 0.3475, 0.3644



72.7969, 0.3553, 0.3718



45.8099, 0.3389, 0.3819



9.9851, 0.3272, 0.3442



16.8593, 0.4921, 0.4475



0.7031, 0.4690, 0.4658

Inverse Universe

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



33.9426, 0.2791, 0.2909



57.1463, 0.2718, 0.2822



30.2844, 0.2831, 0.2720



9.1958, 0.2985, 0.3133



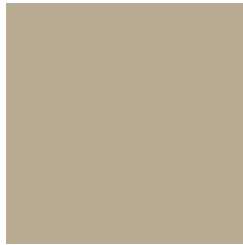
4.8295, 0.1640, 0.1102



0.2871, 0.1792, 0.1651

Previews

White Background



This preview shows how the Yxy color 41.3605, 0.3475, 0.3644 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 41.3605, 0.3475, 0.3644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

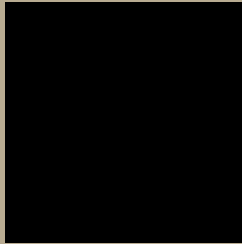
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3605, 0.3475, 0.3644

Background



This preview shows how black text looks on a background with the Yxy color 41.3605, 0.3475, 0.3644.



This preview shows how white text looks on a background with the Yxy color 41.3605, 0.3475, 0.3644.

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

41.3605, 0.3475, 0.3644

Protanopia

41.3731, 0.3444, 0.3661

Deuteranopia

41.3535, 0.3617, 0.3552



Tritanopia

41.2185, 0.3218, 0.3120

Trichromacy



Original Color

41.3605, 0.3475, 0.3644

Protanomaly

41.4945, 0.3453, 0.3660

Deuteranomaly

41.4180, 0.3562, 0.3582

Tritanomaly

41.3601, 0.3313, 0.3304

Monochromacy



Original Color

41.3605, 0.3475, 0.3644

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3438, 0.3248, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3605, 0.3475, 0.3644 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(184, 171, 145)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 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(184, 171, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 145) }
```

Border

The CSS property to change the border of an element to Yxy 41.3605, 0.3475, 0.3644 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(184, 171, 145) }
```

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

```
.border{ border-color:rgb(184, 171, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 171, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 145);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3605, 0.3475, 0.3644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 171, 145) }
```

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

```
.background{ background-color: rgb(184,  
171, 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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