

Converting Colors

$Yxy(41.8805, 0.3308, 0.3378)$

Have a look what the booklet for
Yxy(41.8805, 0.3308, 0.3378)
contains.

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Color

Yxy(41.9965, 0.3306, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	B8ABA4
RGB	184, 171, 164
RGB Percent	72%, 67%, 64%
CMY	0.2785, 0.3294, 0.3568
CMYK	0.00, 0.07, 0.11, 0.28
HSL	21°, 12%, 68%
HSV	21°, 11%, 72%
XYZ	41.0285, 41.9965, 41.0781
YIQ	174.0890, 9.9950, 0.5790

Conversions

Conversions Part 2

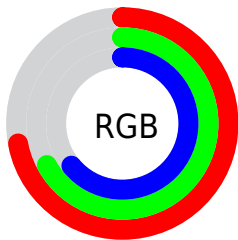
Format	Color
RYB	184, 175, 164
Decimal	12102564
CIELab	70.87, 3.45, 5.26
CIELCh	71, 6.286, 56.764
Yxy	41.9965, 0.3306, 0.3384
Android (android.graphics.Color)	4290292644 (0xFFB8ABA4)
YUV	174.0890, -4.9739, 8.6919
Hunter-Lab	64.8047, -0.3981, 7.7808

Details

The Yxy color **41.9965, 0.3306, 0.3384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.7971, 0.2962, 0.3194**, and the grayscale version is **42.3980, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0325, 0.3272, 0.3363**, and **19.1888, 0.3365, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **37.0653, 0.3501, 0.3476**, and if you desaturate by 10%, it is **47.4363, 0.3140, 0.3297**.

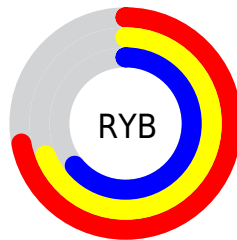
Distribution



Red (72%)

Green (67%)

Blue (64%)



Red (72%)

Yellow (69%)

Blue (64%)

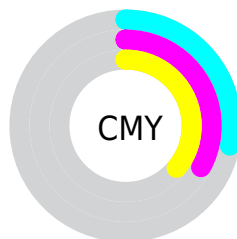


Cyan (0%)

Magenta (7%)

Yellow (11%)

Black (28%)



Cyan (28%)

Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9965, 0.3306, 0.3384 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 41.9965, 0.3306, 0.3384 by changing the saturation by 10% instead.


 41.9965, 0.3306,
0.3384


 41.9965, 0.3306,
0.3384

354.4684, 0.3215,
0.3337

 29.0986, 0.3329,
0.3396


 78.1943, 0.3272,
0.3367

 19.1554, 0.3360,
0.3411


 102.2630, 0.3260,
0.3360

 11.7826, 0.3401,
0.3432


130.8240, 0.3249,
0.3355

 6.5958, 0.3460,
0.3461

164.2618, 0.3240,
0.3350

 3.2106, 0.3552,
0.3504

202.9608, 0.3233,
0.3346

 1.2427, 0.3712,
0.3576

247.3052, 0.3226,

 0.0961, 0.6460,

0.3343

0.3540

297.6797, 0.3220,
0.3340

0.0000, 0.0000,
0.0000

41.9965, 0.3306,
0.3384

41.9965, 0.3306,
0.3384

37.0653, 0.3501,
0.3476

47.4363, 0.3140,
0.3297

32.6223, 0.3729,
0.3572

53.3934, 0.2999,
0.3216

28.6537, 0.3991,
0.3666

59.8834, 0.2879,
0.3142

25.1429, 0.4289,
0.3754

66.9193, 0.2776,
0.3074

22.0725, 0.4617,
0.3825

74.4481, 0.2694,
0.3023

■ 19.4235, 0.4960,
0.3868

■ 81.3648, 0.2707,
0.3156

■ 17.1756, 0.5298,
0.3872

■ 88.7476, 0.2721,
0.3286

■ 15.3063, 0.5600,
0.3826

■ 88.9274, 0.2721,
0.3289

■ 13.8988, 0.5833,
0.3750

Harmonies

Analogous

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



41.9965, 0.3289, 0.3309



41.9965, 0.3306, 0.3384



41.9965, 0.3275, 0.3436

Triad

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



41.9965, 0.3306, 0.3384



41.9965, 0.3027, 0.3351



41.9965, 0.3049, 0.3137

Complementary

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



41.9965, 0.3306, 0.3384



42.7971, 0.2962, 0.3194

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.



41.9965, 0.2981, 0.3145



41.9965, 0.3306, 0.3384



41.9965, 0.2968, 0.3268

Square

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



41.9965, 0.3306, 0.3384



41.9965, 0.3113, 0.3417



41.9965, 0.2952, 0.3193



41.9965, 0.3140, 0.3168

Rectangle

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



41.9965, 0.3306, 0.3384



41.9965, 0.3231, 0.3449



41.9965, 0.2952, 0.3193



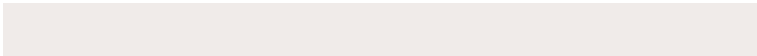
41.9965, 0.3023, 0.3135

Sweetspot

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



41.9984, 0.3306, 0.3384



83.7595, 0.3174, 0.3316



39.9224, 0.3200, 0.3118



17.8821, 0.3187, 0.3323



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.



41.9984, 0.3306, 0.3384



73.9493, 0.3350, 0.3406



45.9101, 0.3291, 0.3515



9.5127, 0.3279, 0.3371



9.7030, 0.5811, 0.3768



0.4607, 0.5308, 0.4167

Inverse Universe

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



42.7971, 0.2962, 0.3194



75.6859, 0.2925, 0.3172



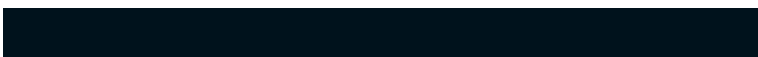
38.9999, 0.2960, 0.3055



9.6672, 0.2985, 0.3208



11.7130, 0.1922, 0.2118



0.5243, 0.2016, 0.2456

Previews

White Background



This preview shows how the Yxy color 41.9965, 0.3306, 0.3384 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 41.9965, 0.3306, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

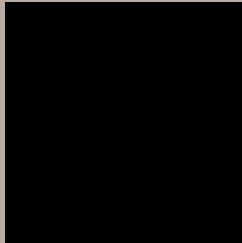
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

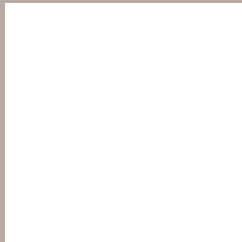
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.9965, 0.3306, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 41.9965, 0.3306, 0.3384.



This preview shows how white text looks on a background with the Yxy color 41.9965, 0.3306, 0.3384.

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

41.9965, 0.3306, 0.3384

Protanopia

42.1875, 0.3249, 0.3399

Deuteranopia

42.0593, 0.3388, 0.3330



Tritanopia

41.8218, 0.3172, 0.3107

Trichromacy



Original Color

41.9965, 0.3306, 0.3384

Protanomaly

42.0454, 0.3268, 0.3385

Deuteranomaly

42.0397, 0.3357, 0.3343

Tritanomaly

41.7854, 0.3222, 0.3211

Monochromacy



Original Color

41.9965, 0.3306, 0.3384

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2544, 0.3197, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9965, 0.3306, 0.3384 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(184, 171, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 171, 164) }
```

Border

The CSS property to change the border of an element to Yxy 41.9965, 0.3306, 0.3384 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, 164) }
```

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

```
.border{ border-color:rgb(184, 171, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(184, 171,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9965, 0.3306, 0.3384 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, 164) }
```

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

```
.background{ background-color: rgb(184,  
171, 164) }
```

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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