

Converting Colors

$Yxy(42.4358, 0.3268, 0.3377)$

Have a look what the booklet for
Yxy(42.4358, 0.3268, 0.3377)
contains.

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Color

Yxy(42.5854, 0.3268, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	B6ADA6
RGB	182, 173, 166
RGB Percent	71%, 68%, 65%
CMY	0.2861, 0.3216, 0.3490
CMYK	0.00, 0.05, 0.09, 0.29
HSL	26°, 10%, 68%
HSV	26°, 9%, 71%
XYZ	41.1256, 42.5854, 42.1324
YIQ	174.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

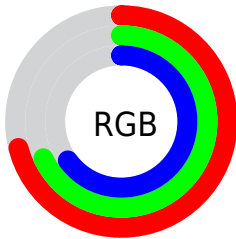
Format	Color
RYB	182, 178, 166
Decimal	11972006
CIELab	71.27, 2.00, 4.73
CIELCh	71, 5.135, 67.062
Yxy	42.5854, 0.3268, 0.3384
Android (android.graphics.Color)	4290162086 (0xFFB6ADA6)
YUV	174.8930, -4.3842, 6.2328
Hunter-Lab	65.2575, -1.7090, 7.4007

Details

The Yxy color **42.5854, 0.3268, 0.3384** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1703, 0.2993, 0.3194**, and the grayscale version is **42.8353, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.8844, 0.3242, 0.3363**, and **19.5568, 0.3310, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **38.1751, 0.3451, 0.3497**, and if you desaturate by 10%, it is **47.3972, 0.3109, 0.3278**.

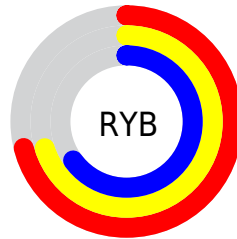
Distribution



Red (71%)

Green (68%)

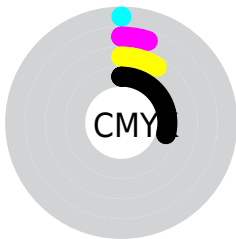
Blue (65%)



Red (71%)

Yellow (70%)

Blue (65%)

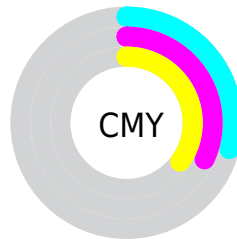


Cyan (0%)

Magenta (5%)

Yellow (9%)

Black (29%)



Cyan (29%)


Magenta (32%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.5854, 0.3268, 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 42.5854, 0.3268, 0.3384 by changing the saturation by 10% instead.


 42.5854, 0.3268,
0.3384


 42.5854, 0.3268,
0.3384

356.9039, 0.3196,
0.3337

 29.5599, 0.3286,
0.3396


 79.0848, 0.3242,
0.3367

 19.5048, 0.3310,
0.3411

 103.3276, 0.3232,
0.3360

 12.0356, 0.3342,
0.3432

132.0783, 0.3224,
0.3355

 6.7679, 0.3388,
0.3462

165.7213, 0.3217,
0.3350

 3.3174, 0.3459,
0.3506

204.6409, 0.3210,
0.3346

 1.2996, 0.3581,
0.3582

249.2216, 0.3205,

 0.1409, 0.5647,

0.3343

0.4353

299.8479, 0.3201,
0.3339

0.0000, 0.0000,
0.0000

42.5854, 0.3268,
0.3384

42.5854, 0.3268,
0.3384

38.1751, 0.3451,
0.3497

47.3972, 0.3109,
0.3278

34.1499, 0.3662,
0.3614

52.6152, 0.2973,
0.3179

30.5005, 0.3901,
0.3731

58.2511, 0.2855,
0.3088

27.2150, 0.4168,
0.3842

64.3144, 0.2753,
0.3004

24.2808, 0.4457,
0.3938

70.6829, 0.2675,
0.2949

■ 21.6846, 0.4760,
0.4007

■ 76.3871, 0.2687,
0.3066

■ 19.4117, 0.5058,
0.4037

■ 82.4312, 0.2699,
0.3180

■ 17.4461, 0.5332,
0.4017

■ 88.6901, 0.2711,
0.3289

■ 15.7658, 0.5566,
0.3949

Harmonies

Analogous

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



42.5854, 0.3268, 0.3328



42.5854, 0.3268, 0.3384



42.5854, 0.3230, 0.3416

Triad

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



42.5854, 0.3268, 0.3384



42.5854, 0.3026, 0.3317



42.5854, 0.3088, 0.3170

Complementary

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



42.5854, 0.3268, 0.3384



42.1703, 0.2993, 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.



42.5854, 0.3024, 0.3166



42.5854, 0.3268, 0.3384



42.5854, 0.2989, 0.3250

Square

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



42.5854, 0.3268, 0.3384



42.5854, 0.3090, 0.3377



42.5854, 0.2988, 0.3195



42.5854, 0.3163, 0.3206

Rectangle

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



42.5854, 0.3268, 0.3384



42.5854, 0.3189, 0.3418



42.5854, 0.2988, 0.3195



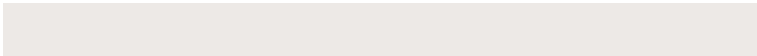
42.5854, 0.3065, 0.3165

Sweetspot

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



42.5873, 0.3268, 0.3384



82.0991, 0.3174, 0.3322



40.3247, 0.3197, 0.3169



17.9775, 0.3187, 0.3331



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.



42.5873, 0.3268, 0.3384



75.2045, 0.3309, 0.3410



45.7403, 0.3257, 0.3489



9.6383, 0.3277, 0.3390



11.1258, 0.5574, 0.3956



0.5158, 0.5131, 0.4308

Inverse Universe

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



42.1703, 0.2993, 0.3194



74.2600, 0.2956, 0.3167



39.1531, 0.2993, 0.3083



9.5380, 0.2985, 0.3188



9.3337, 0.1839, 0.1818



0.4498, 0.1955, 0.2237

Previews

White Background



This preview shows how the Yxy color 42.5854, 0.3268, 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 42.5854, 0.3268, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

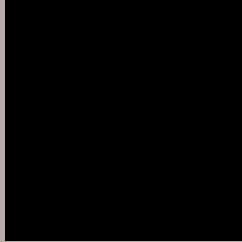
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

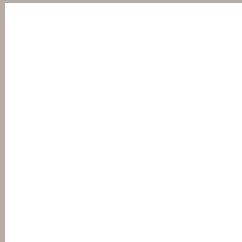
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.5854, 0.3268, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 42.5854, 0.3268, 0.3384.



This preview shows how white text looks on a background with the Yxy color 42.5854, 0.3268, 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

42.5854, 0.3268, 0.3384

Protanopia

42.6090, 0.3239, 0.3398

Deuteranopia

42.6353, 0.3377, 0.3317



Tritanopia

42.5244, 0.3145, 0.3107

Trichromacy



Original Color

42.5854, 0.3268, 0.3384

Protanomaly

42.7286, 0.3248, 0.3398

Deuteranomaly

42.4866, 0.3338, 0.3330

Tritanomaly

42.4905, 0.3194, 0.3211

Monochromacy



Original Color

42.5854, 0.3268, 0.3384

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.7156, 0.3179, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.5854, 0.3268, 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(182, 173, 166)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 166) }
```

Border

The CSS property to change the border of an element to Yxy 42.5854, 0.3268, 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(182, 173, 166) }
```

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

```
.border{ border-color:rgb(182, 173, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 166);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 42.5854, 0.3268, 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(182, 173, 166) }
```

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

```
.background{ background-color: rgb(182,  
173, 166) }
```

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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