

Converting Colors

$Yxy(44.8577, 0.3206, 0.3753)$

Have a look what the booklet for
Yxy(44.8577, 0.3206, 0.3753)
contains.

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Color

Yxy(44.8574, 0.3206, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	A4B998
RGB	164, 185, 152
RGB Percent	64%, 73%, 60%
CMY	0.3570, 0.2744, 0.4039
CMYK	0.11, 0.00, 0.18, 0.27
HSL	98°, 19%, 66%
HSV	98°, 18%, 73%
XYZ	38.3194, 44.8574, 36.3473
YIQ	174.9590, -1.9230, -14.7150

Conversions

Conversions Part 2

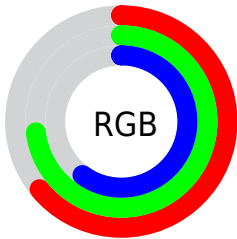
Format	Color
RYB	152, 185, 173
Decimal	10795416
CIELab	72.80, -13.38, 14.36
CIELCh	73, 19.626, 132.972
Yxy	44.8574, 0.3206, 0.3753
Android (android.graphics.Color)	4288985496 (0xFFA4B998)
YUV	174.9590, -11.3188, -9.6110
Hunter-Lab	66.9757, -15.0805, 14.7066

Details

The Yxy color **44.8574, 0.3206, 0.3753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8549, 0.3033, 0.2839**, and the grayscale version is **42.9051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4269, 0.3195, 0.3667**, and **20.8869, 0.3224, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **43.1016, 0.3246, 0.4044**, and if you desaturate by 10%, it is **46.8282, 0.3162, 0.3484**.

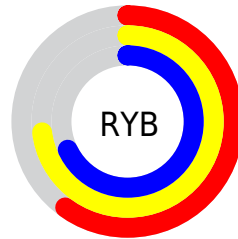
Distribution



Red (64%)

Green (73%)

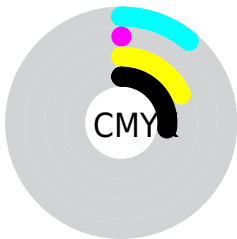
Blue (60%)



Red (60%)

Yellow (73%)

Blue (68%)

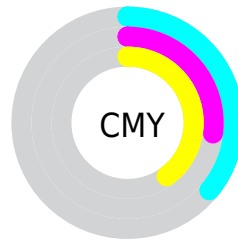


Cyan (11%)

Magenta (0%)

Yellow (18%)

Black (27%)



Cyan (36%)

Magenta (27%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8574, 0.3206, 0.3753 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 44.8574, 0.3206, 0.3753 by changing the saturation by 10% instead.


 44.8574, 0.3206,
0.3753


 44.8574, 0.3206,
0.3753


366.1957, 0.3169,
0.3514

 31.3451, 0.3214,
0.3815

 82.5064, 0.3193,
0.3665

 20.8618, 0.3224,
0.3896


 107.4119, 0.3188,
0.3632

 13.0230, 0.3236,
0.4006


136.8839, 0.3184,
0.3604

 7.4444, 0.3250,
0.4164

171.3068, 0.3180,
0.3581

 3.7415, 0.3264,
0.4410

211.0651, 0.3177,
0.3561

 1.5301, 0.3330,
0.4933

256.5431, 0.3174,

 0.3097, 0.0000,

0.3543

1.0000

308.1251, 0.3172,
0.3528

0.0000, 0.0000,
0.0000

44.8574, 0.3206,
0.3753

44.8574, 0.3206,
0.3753

43.1016, 0.3246,
0.4044

46.8282, 0.3162,
0.3484

41.5476, 0.3281,
0.4352

49.0154, 0.3117,
0.3239

40.1892, 0.3306,
0.4668

51.4276, 0.3073,
0.3020

39.0178, 0.3319,
0.4976

54.0714, 0.3030,
0.2825

38.0241, 0.3317,
0.5261

56.9529, 0.2989,
0.2652

■ 37.1979, 0.3297,
0.5504

■ 59.5509, 0.3005,
0.2572

■ 36.5275, 0.3260,
0.5691

■ 61.6252, 0.3095,
0.2591

■ 35.9970, 0.3210,
0.5817

■ 63.1845, 0.3159,
0.2605

■ 35.8962, 0.3200,
0.5841

Harmonies

Analogous

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



44.8574, 0.3467, 0.3777



44.8574, 0.3206, 0.3753



44.8574, 0.2932, 0.3587

Triad

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



44.8574, 0.3206, 0.3753



44.8574, 0.2634, 0.2900



44.8574, 0.3552, 0.3228

Complementary

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



44.8574, 0.3206, 0.3753



34.8549, 0.3033, 0.2839

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.



44.8574, 0.3312, 0.3018



44.8574, 0.3206, 0.3753



44.8574, 0.2784, 0.2830

Square

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



44.8574, 0.3206, 0.3753



44.8574, 0.2610, 0.3079



44.8574, 0.3029, 0.2875



44.8574, 0.3674, 0.3461

Rectangle

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



44.8574, 0.3206, 0.3753



44.8574, 0.2778, 0.3422



44.8574, 0.3029, 0.2875



44.8574, 0.3481, 0.3153

Sweetspot

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



44.8593, 0.3206, 0.3753



84.8939, 0.3150, 0.3414



42.4373, 0.3418, 0.3572



18.2441, 0.3153, 0.3431



93.3107, 0.3127, 0.3290



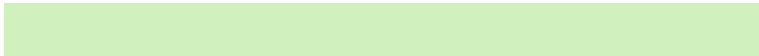
18.7317, 0.3127, 0.3290

Same Dimension

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



44.8593, 0.3206, 0.3753



79.1826, 0.3221, 0.3853



43.7949, 0.3072, 0.3702



10.2141, 0.3169, 0.3522



24.4754, 0.3209, 0.5834



0.8984, 0.3425, 0.5662

Inverse Universe

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



34.8549, 0.3033, 0.2839



58.2732, 0.3011, 0.2745



36.0958, 0.3188, 0.2910



8.9958, 0.3082, 0.3061



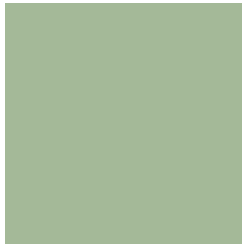
5.0523, 0.2328, 0.1056



0.2117, 0.2560, 0.1184

Previews

White Background



This preview shows how the Yxy color 44.8574, 0.3206, 0.3753 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 44.8574, 0.3206, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

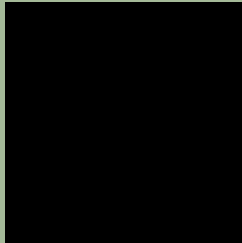
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8574, 0.3206, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 44.8574, 0.3206, 0.3753.



This preview shows how white text looks on a background with the Yxy color 44.8574, 0.3206, 0.3753.

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

44.8574, 0.3206, 0.3753

Protanopia

44.7021, 0.3460, 0.3675

Deuteranopia

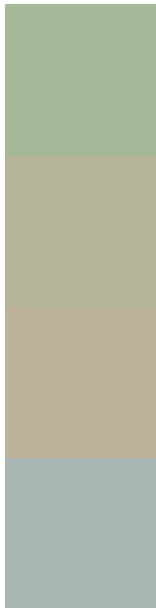
44.7090, 0.3574, 0.3506



Tritanopia

44.6365, 0.2943, 0.3104

Trichromacy



Original Color

44.8574, 0.3206, 0.3753

Protanomaly

44.8335, 0.3362, 0.3711

Deuteranomaly

44.5962, 0.3429, 0.3594

Tritanomaly

44.5869, 0.3041, 0.3330

Monochromacy



Original Color

44.8574, 0.3206, 0.3753

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6881, 0.3154, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8574, 0.3206, 0.3753 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(164, 185, 152)` looks like.

```
.text, #text, p{  
    color:rgb(164, 185, 152)  
}
```

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(164, 185, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 185, 152) }
```

Border

The CSS property to change the border of an element to Yxy 44.8574, 0.3206, 0.3753 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(164, 185, 152) }
```

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

```
.border{ border-color:rgb(164, 185, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 185, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 185, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 185, 152);  
box-shadow:4px 4px 4px 4px rgb(164, 185,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8574, 0.3206, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 185, 152) }
```

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

```
.background{ background-color: rgb(164,  
185, 152) }
```

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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