

Converting Colors

$Yxy(44.5280, 0.3323, 0.3987)$

Have a look what the booklet for
Yxy(44.5280, 0.3323, 0.3987)
contains.

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Color

Yxy(44.6819, 0.3321, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	A3BA88
RGB	163, 186, 136
RGB Percent	64%, 73%, 53%
CMY	0.3606, 0.2706, 0.4666
CMYK	0.12, 0.00, 0.27, 0.27
HSL	88°, 27%, 63%
HSV	88°, 27%, 73%
XYZ	37.1157, 44.6819, 29.9630
YIQ	173.4230, 2.3420, -20.4260

Conversions

Conversions Part 2

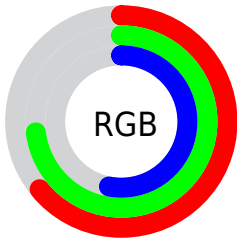
Format	Color
RYB	136, 186, 159
Decimal	10730120
CIELab	72.68, -16.79, 22.81
CIELCh	73, 28.323, 126.349
Yxy	44.6819, 0.3321, 0.3998
Android (android.graphics.Color)	4288920200 (0xFFA3BA88)
YUV	173.4230, -18.4495, -9.1410
Hunter-Lab	66.8445, -17.8650, 20.2145

Details

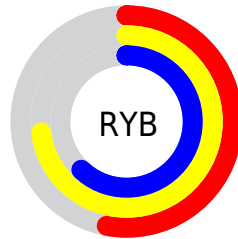
The Yxy color **44.6819, 0.3321, 0.3998** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.5203, 0.2885, 0.2575**, and the grayscale version is **42.1172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1274, 0.3285, 0.3856**, and **20.8265, 0.3365, 0.4216** is the 20% darker color. If you saturate the color by 10%, you get **43.3289, 0.3386, 0.4287**, and if you desaturate by 10%, it is **46.1914, 0.3250, 0.3720**.

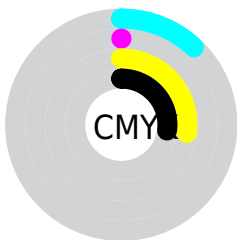
Distribution



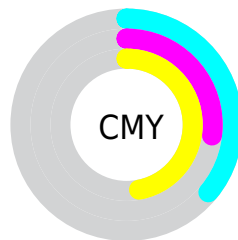
- Red (64%)
- Green (73%)
- Blue (53%)



- Red (53%)
- Yellow (73%)
- Blue (62%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (27%)





- Cyan (36%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6819, 0.3321, 0.3998 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 44.6819, 0.3321, 0.3998 by changing the saturation by 10% instead.

 44.6819, 0.3321,
0.3998

 44.6819, 0.3321,
0.3998


365.4837, 0.3230,
0.3631


 31.2069, 0.3341,
0.4093


 82.2429, 0.3290,
0.3862

 20.7565, 0.3365,
0.4218


 107.0977, 0.3278,
0.3811

 12.9461, 0.3393,
0.4387


 136.5145, 0.3267,
0.3769

 7.3915, 0.3426,
0.4628

170.8779, 0.3258,
0.3733

 3.7081, 0.3454,
0.4996

210.5720, 0.3250,
0.3702

 1.5117, 0.3802,
0.6198

255.9815, 0.3242,

 0.2969, 0.0000,

0.3675

1.0000

307.4906, 0.3236,
0.3652

0.0000, 0.0000,
0.0000

44.6819, 0.3321,
0.3998

44.6819, 0.3321,
0.3998

43.3289, 0.3386,
0.4287

46.1914, 0.3250,
0.3720

42.1207, 0.3441,
0.4579

47.8570, 0.3177,
0.3458

41.0526, 0.3481,
0.4861

49.6860, 0.3105,
0.3217

40.1179, 0.3503,
0.5119

51.6834, 0.3034,
0.2997

39.3087, 0.3504,
0.5340

53.8538, 0.2966,
0.2798

■ 38.6162, 0.3481,
0.5512

■ 56.2019, 0.2902,
0.2620

■ 38.0286, 0.3438,
0.5631

■ 57.9893, 0.2916,
0.2563

■ 37.8600, 0.3423,
0.5664

■ 59.3777, 0.2979,
0.2576

■ 60.8354, 0.3044,
0.2590

Harmonies

Analogous

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



44.6819, 0.3682, 0.3970



44.6819, 0.3321, 0.3998



44.6819, 0.2923, 0.3797

Triad

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



44.6819, 0.3321, 0.3998



44.6819, 0.2405, 0.2770



44.6819, 0.3676, 0.3125

Complementary

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



44.6819, 0.3321, 0.3998



28.5203, 0.2885, 0.2575

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.



44.6819, 0.3300, 0.2851



44.6819, 0.3321, 0.3998



44.6819, 0.2576, 0.2644

Square

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



44.6819, 0.3321, 0.3998



44.6819, 0.2410, 0.3050



44.6819, 0.2896, 0.2678



44.6819, 0.3901, 0.3449

Rectangle

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



44.6819, 0.3321, 0.3998



44.6819, 0.2690, 0.3564



44.6819, 0.2896, 0.2678



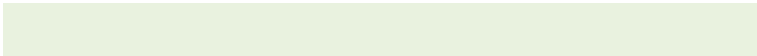
44.6819, 0.3562, 0.3026

Sweetspot

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



44.6839, 0.3321, 0.3998



86.3577, 0.3187, 0.3490



36.8403, 0.3617, 0.3601



18.9137, 0.3198, 0.3529



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.



44.6839, 0.3321, 0.3998



79.5791, 0.3359, 0.4161



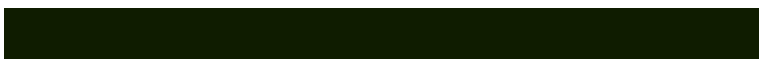
42.3381, 0.3112, 0.4045



10.2930, 0.3195, 0.3521



25.5190, 0.3432, 0.5657



0.9359, 0.3625, 0.5504

Inverse Universe

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



28.5203, 0.2885, 0.2575



45.5597, 0.2822, 0.2409



31.2829, 0.3132, 0.2626



8.9159, 0.3054, 0.3059



3.7390, 0.1959, 0.0853



0.1687, 0.2258, 0.1018

Previews

White Background



This preview shows how the Yxy color 44.6819, 0.3321, 0.3998 looks on a white background.

Color Contrast Check

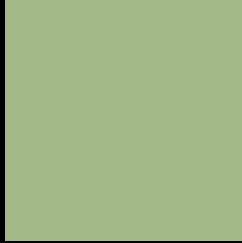
Large Text (above 18pt) WCAG AA × Fail

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 44.6819, 0.3321, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

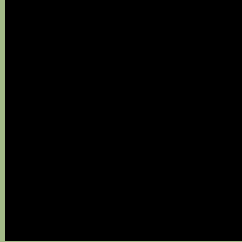
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6819, 0.3321, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 44.6819, 0.3321, 0.3998.



This preview shows how white text looks on a background with the Yxy color 44.6819, 0.3321, 0.3998.

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

44.6819, 0.3321, 0.3998

Protanopia

44.5831, 0.3634, 0.3897

Deuteranopia

44.3998, 0.3762, 0.3692



Tritanopia

44.7484, 0.2951, 0.3105

Trichromacy



Original Color

44.6819, 0.3321, 0.3998

Protanomaly

44.5650, 0.3521, 0.3941

Deuteranomaly

44.0921, 0.3599, 0.3791

Tritanomaly

44.7593, 0.3087, 0.3427

Monochromacy



Original Color

44.6819, 0.3321, 0.3998

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.8139, 0.3194, 0.3540

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6819, 0.3321, 0.3998 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(163, 186, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 186, 136)  
}
```

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(163, 186, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 186, 136) }
```

Border

The CSS property to change the border of an element to Yxy 44.6819, 0.3321, 0.3998 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(163, 186, 136) }
```

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

```
.border{ border-color:rgb(163, 186, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 186, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 186, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 186, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 186,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6819, 0.3321, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 186, 136) }
```

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

```
.background{ background-color: rgb(163,  
186, 136) }
```

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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