

Converting Colors

Yxy(44.9919, 0.3109, 0.3670)

Have a look what the booklet for
Yxy(44.9919, 0.3109, 0.3670)
contains.

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Color

Yxy(44.9919, 0.3109, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	9FBA9F
RGB	159, 186, 159
RGB Percent	62%, 73%, 62%
CMY	0.3765, 0.2706, 0.3764
CMYK	0.15, 0.00, 0.15, 0.27
HSL	120°, 16%, 68%
HSV	120°, 15%, 73%
XYZ	38.1144, 44.9919, 39.4874
YIQ	174.8490, -7.4250, -14.1210

Conversions

Conversions Part 2

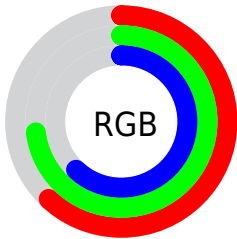
Format	Color
RYB	159, 186, 186
Decimal	10467999
CIELab	72.89, -14.42, 10.63
CIELCh	73, 17.913, 143.610
Yxy	44.9919, 0.3109, 0.3670
Android (android.graphics.Color)	4288658079 (0xFF9FBA9F)
YUV	174.8490, -7.8136, -13.8996
Hunter-Lab	67.0760, -15.9545, 12.0494

Details

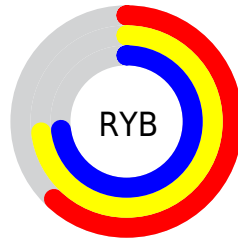
The Yxy color **44.9919, 0.3109, 0.3670** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.7749, 0.3144, 0.2937**, and the grayscale version is **42.8320, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6554, 0.3113, 0.3593**, and **20.9836, 0.3093, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **42.6361, 0.3095, 0.3973**, and if you desaturate by 10%, it is **47.7346, 0.3122, 0.3401**.

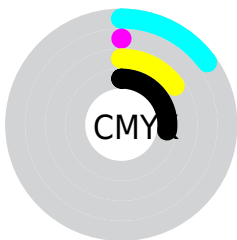
Distribution



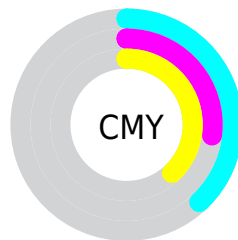
- Red (62%)
- Green (73%)
- Blue (62%)



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



- Cyan (15%)
- Magenta (0%)
- Yellow (15%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9919, 0.3109, 0.3670 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 44.9919, 0.3109, 0.3670 by changing the saturation by 10% instead.


 44.9919, 0.3109,
0.3670

 44.9919, 0.3109,
0.3670


366.7408, 0.3120,
0.3474

 31.4510, 0.3105,
0.3721


 82.7083, 0.3114,
0.3597

 20.9425, 0.3100,
0.3787


 107.6525, 0.3115,
0.3571

 13.0820, 0.3092,
0.3878


137.1668, 0.3117,
0.3548

 7.4850, 0.3080,
0.4008

171.6353, 0.3118,
0.3529

 3.7673, 0.3056,
0.4211

211.4426, 0.3119,
0.3513

 1.5442, 0.3011,
0.4583

256.9730, 0.3119,

 0.3196, 0.0000,

0.3498

1.0000

308.6109, 0.3120,
0.3486

0.0000, 0.0000,
0.0000

44.9919, 0.3109,
0.3670

44.9919, 0.3109,
0.3670

42.6361, 0.3095,
0.3973

47.7346, 0.3122,
0.3401

40.6443, 0.3079,
0.4306

50.8744, 0.3133,
0.3165

39.0002, 0.3062,
0.4658

54.4283, 0.3143,
0.2962

37.6838, 0.3045,
0.5012

58.4106, 0.3151,
0.2787

36.6732, 0.3030,
0.5344

62.8349, 0.3159,
0.2637

■ 35.9437, 0.3017,
0.5626

■ 63.6003, 0.3159,
0.2614

■ 35.4671, 0.3007,
0.5834

■ 35.2088, 0.3002,
0.5956

■ 35.1209, 0.3000,
0.5999

Harmonies

Analogous

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



44.9919, 0.3360, 0.3741



44.9919, 0.3109, 0.3670



44.9919, 0.2870, 0.3483

Triad

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



44.9919, 0.3109, 0.3670



44.9919, 0.2712, 0.2899



44.9919, 0.3568, 0.3310

Complementary

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



44.9919, 0.3109, 0.3670



38.7749, 0.3144, 0.2937

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.



44.9919, 0.3381, 0.3105



44.9919, 0.3109, 0.3670



44.9919, 0.2886, 0.2872

Square

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



44.9919, 0.3109, 0.3670



44.9919, 0.2647, 0.3031



44.9919, 0.3129, 0.2947



44.9919, 0.3631, 0.3520

Rectangle

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



44.9919, 0.3109, 0.3670



44.9919, 0.2748, 0.3325



44.9919, 0.3129, 0.2947



44.9919, 0.3518, 0.3239

Sweetspot

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



44.9938, 0.3109, 0.3670



86.7618, 0.3122, 0.3389



48.0628, 0.3342, 0.3644



19.0174, 0.3122, 0.3408



95.5105, 0.3127, 0.3290



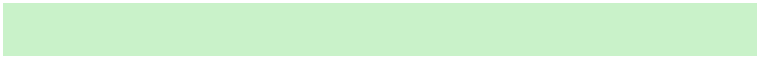
19.5994, 0.3127, 0.3290

Same Dimension

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



44.9938, 0.3109, 0.3670



80.3032, 0.3105, 0.3750



45.4874, 0.3008, 0.3477



10.0603, 0.3116, 0.3526



23.6267, 0.3000, 0.5999



0.8330, 0.2998, 0.5994

Inverse Universe

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



38.7749, 0.3144, 0.2937



67.1484, 0.3147, 0.2869



38.2288, 0.3266, 0.3110



9.1625, 0.3138, 0.3065



9.4004, 0.3213, 0.1544



0.3315, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 44.9919, 0.3109, 0.3670 looks on a white background.

Color Contrast Check

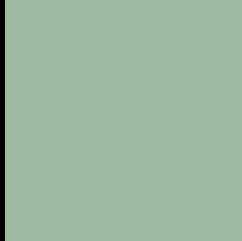
Large Text (above 18pt) WCAG AA × Fail

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 44.9919, 0.3109, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

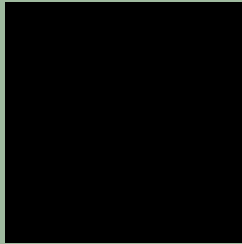
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

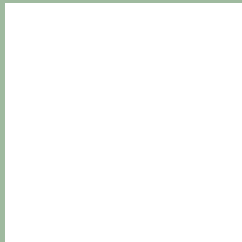
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.9919, 0.3109, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 44.9919, 0.3109, 0.3670.



This preview shows how white text looks on a background with the Yxy color 44.9919, 0.3109, 0.3670.

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

44.9919, 0.3109, 0.3670

Protanopia

44.7721, 0.3399, 0.3595

Deuteranopia

44.6702, 0.3491, 0.3418



Tritanopia

44.9872, 0.2889, 0.3103

Trichromacy



Original Color

44.9919, 0.3109, 0.3670

Protanomaly

44.7952, 0.3294, 0.3630

Deuteranomaly

44.4566, 0.3341, 0.3503

Tritanomaly

45.0309, 0.2969, 0.3303

Monochromacy



Original Color

44.9919, 0.3109, 0.3670

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5398, 0.3121, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9919, 0.3109, 0.3670 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(159, 186, 159)` looks like.

```
.text, #text, p{  
    color:rgb(159, 186, 159)  
}
```

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(159, 186, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 186, 159) }
```

Border

The CSS property to change the border of an element to Yxy 44.9919, 0.3109, 0.3670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

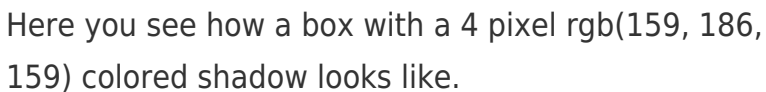
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 186, 159) }
```

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

```
.border{ border-color:rgb(159, 186, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 186, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 186, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 186, 159); box-shadow:4px 4px 4px 4px rgb(159, 186, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9919, 0.3109, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 186, 159) }
```

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

```
.background{ background-color: rgb(159,  
186, 159) }
```

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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