

Converting Colors

$Yxy(44.5187, 0.3239, 0.3972)$

Have a look what the booklet for
Yxy(44.5187, 0.3239, 0.3972)
contains.

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Color

Yxy(44.5728, 0.3244, 0.3979)

Conversions

Conversions Part 1

Format	Color
Hex	9DBB8B
RGB	157, 187, 139
RGB Percent	62%, 73%, 55%
CMY	0.3842, 0.2667, 0.4550
CMYK	0.16, 0.00, 0.26, 0.27
HSL	97°, 26%, 64%
HSV	97°, 26%, 73%
XYZ	36.3393, 44.5728, 31.1080
YIQ	172.5580, -2.4720, -21.2880

Conversions

Conversions Part 2

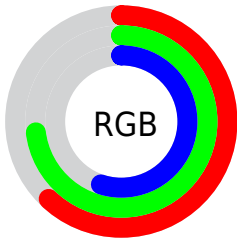
Format	Color
RYB	139, 187, 169
Decimal	10337163
CIELab	72.61, -19.04, 21.05
CIELCh	73, 28.385, 132.132
Yxy	44.5728, 0.3244, 0.3979
Android (android.graphics.Color)	4288527243 (0xFF9DBB8B)
YUV	172.5580, -16.5441, -13.6444
Hunter-Lab	66.7629, -19.6767, 19.1080

Details

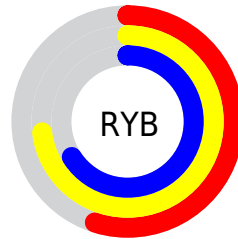
The Yxy color **44.5728, 0.3244, 0.3979** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **30.4778, 0.2976, 0.2625**, and the grayscale version is **41.6425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9485, 0.3225, 0.3840**, and **20.7747, 0.3261, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **42.9555, 0.3282, 0.4283**, and if you desaturate by 10%, it is **46.3996, 0.3200, 0.3693**.

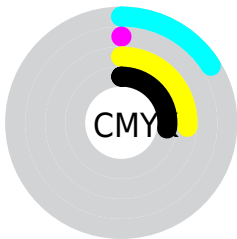
Distribution



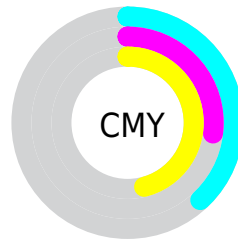
- Red (62%)
- Green (73%)
- Blue (55%)



- Red (55%)
- Yellow (73%)
- Blue (66%)



- Cyan (16%)
- Magenta (0%)
- Yellow (26%)
- Black (27%)



- Cyan (38%)
- Magenta (27%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5728, 0.3244, 0.3979 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 44.5728, 0.3244, 0.3979 by changing the saturation by 10% instead.


 44.5728, 0.3244,
0.3979

 44.5728, 0.3244,
0.3979

365.0406, 0.3192,
0.3620


 31.1211, 0.3254,
0.4073


 82.0790, 0.3227,
0.3845

 20.6911, 0.3266,
0.4196


 106.9022, 0.3220,
0.3796

 12.8984, 0.3279,
0.4364

 136.2848, 0.3214,
0.3755

 7.3586, 0.3289,
0.4605


170.6110, 0.3208,
0.3720

 3.6874, 0.3287,
0.4980

210.2653, 0.3204,
0.3690

 1.5003, 0.3576,
0.6223

255.6321, 0.3199,

 0.2889, 0.0000,

0.3664

1.0000

307.0957, 0.3195,
0.3641

0.0000, 0.0000,
0.0000

44.5728, 0.3244,
0.3979

44.5728, 0.3244,
0.3979

42.9555, 0.3282,
0.4283

46.3996, 0.3200,
0.3693

41.5340, 0.3312,
0.4596

48.4375, 0.3154,
0.3429

40.3018, 0.3330,
0.4906

50.6955, 0.3107,
0.3190


39.2497, 0.3332,
0.5195


53.1802, 0.3060,
0.2975


38.3678, 0.3317,
0.5447


55.8981, 0.3016,
0.2785


 37.6447, 0.3284,
0.5646


 58.8552, 0.2973,
0.2616

 37.0671, 0.3236,
0.5782

 61.0615, 0.3035,
0.2598

 36.8528, 0.3214,
0.5830

 63.1555, 0.3123,
0.2617

 64.0193, 0.3158,
0.2624

Harmonies

Analogous

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



44.5728, 0.3622, 0.3995



44.5728, 0.3244, 0.3979



44.5728, 0.2850, 0.3737

Triad

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



44.5728, 0.3244, 0.3979



44.5728, 0.2422, 0.2731



44.5728, 0.3737, 0.3185

Complementary

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



44.5728, 0.3244, 0.3979



30.4778, 0.2976, 0.2625

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.



44.5728, 0.3379, 0.2896



44.5728, 0.3244, 0.3979



44.5728, 0.2626, 0.2637

Square

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



44.5728, 0.3244, 0.3979



44.5728, 0.2393, 0.2985



44.5728, 0.2970, 0.2700



44.5728, 0.3922, 0.3513

Rectangle

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



44.5728, 0.3244, 0.3979



44.5728, 0.2631, 0.3490



44.5728, 0.2970, 0.2700



44.5728, 0.3632, 0.3082

Sweetspot

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



44.5747, 0.3244, 0.3979



85.8227, 0.3165, 0.3491



40.6526, 0.3566, 0.3692



18.7755, 0.3172, 0.3531



95.5105, 0.3127, 0.3290



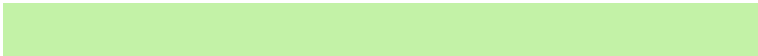
19.5994, 0.3127, 0.3290

Same Dimension

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



44.5747, 0.3244, 0.3979



78.1025, 0.3267, 0.4154



43.0587, 0.3053, 0.3924



10.8197, 0.3171, 0.3523



25.4312, 0.3223, 0.5823



1.0338, 0.3422, 0.5665

Inverse Universe

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



30.4778, 0.2976, 0.2625



48.4177, 0.2933, 0.2463



32.3779, 0.3211, 0.2729



9.5122, 0.3079, 0.3060



5.1056, 0.2295, 0.1038



0.2362, 0.2517, 0.1160

Previews

White Background



This preview shows how the Yxy color 44.5728, 0.3244, 0.3979 looks on a white background.

Color Contrast Check

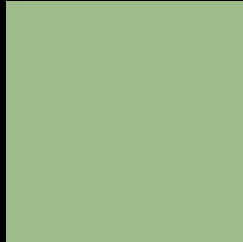
Large Text (above 18pt) WCAG AA × Fail

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 44.5728, 0.3244, 0.3979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

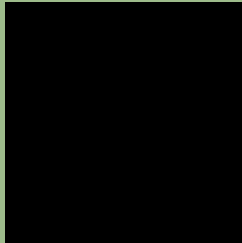
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5728, 0.3244, 0.3979

Background



This preview shows how black text looks on a background with the Yxy color 44.5728, 0.3244, 0.3979.



This preview shows how white text looks on a background with the Yxy color 44.5728, 0.3244, 0.3979.

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

44.5728, 0.3244, 0.3979

Protanopia

44.1407, 0.3602, 0.3847

Deuteranopia

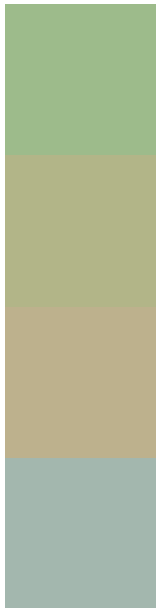
44.3442, 0.3725, 0.3656



Tritanopia

44.6445, 0.2904, 0.3103

Trichromacy



Original Color

44.5728, 0.3244, 0.3979

Protanomaly

44.2903, 0.3468, 0.3906

Deuteranomaly

44.1862, 0.3541, 0.3769

Tritanomaly

44.7095, 0.3030, 0.3414

Monochromacy



Original Color

44.5728, 0.3244, 0.3979

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.6295, 0.3168, 0.3528

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5728, 0.3244, 0.3979 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(157, 187, 139)` looks like.

```
.text, #text, p{  
    color:rgb(157, 187, 139)  
}
```

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(157, 187, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 187, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.5728, 0.3244, 0.3979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

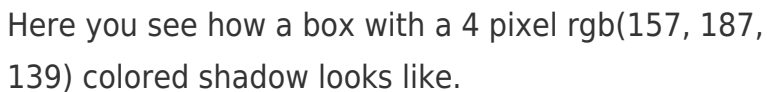
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 187, 139) }
```

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

```
.border{ border-color:rgb(157, 187, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 187, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 187, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 187, 139);  
box-shadow:4px 4px 4px 4px rgb(157, 187,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5728, 0.3244, 0.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 187, 139) }
```

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

```
.background{ background-color: rgb(157,  
187, 139) }
```

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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