

Converting Colors

$Y_{xy}(44.1302, 0.3117, 0.3800)$

Have a look what the booklet for
Yxy(44.1302, 0.3117, 0.3800)
contains.

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Color

Yxy(44.0276, 0.3112, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	98BA97
RGB	152, 186, 151
RGB Percent	60%, 73%, 59%
CMY	0.4039, 0.2706, 0.4079
CMYK	0.18, 0.00, 0.19, 0.27
HSL	118°, 20%, 66%
HSV	118°, 19%, 73%
XYZ	36.0943, 44.0276, 35.8623
YIQ	171.8440, -9.0290, -18.0930

Conversions

Conversions Part 2

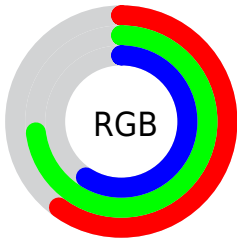
Format	Color
R _{YB}	151, 186, 185
Decimal	10009239
CIE Lab	72.25, -18.30, 14.03
CIE LCh	72, 23.056, 142.517
Yxy	44.0276, 0.3112, 0.3796
Android (android.graphics.Color)	4288199319 (0xFF98BA97)
YUV	171.8440, -10.2761, -17.4032
Hunter-Lab	66.3533, -19.0194, 14.4025

Details

The Yxy color $44.0276, 0.3112, 0.3796$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $35.9794, 0.3139, 0.2829$, and the grayscale version is $41.2297, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.1774, 0.3121, 0.3698$, and $20.4045, 0.3096, 0.3962$ is the 20% darker color. If you saturate the color by 10%, you get $41.8610, 0.3101, 0.4111$, and if you desaturate by 10%, it is $46.5582, 0.3121, 0.3512$.

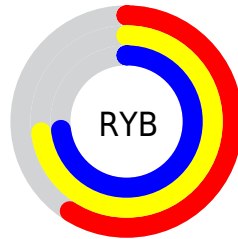
Distribution



Red (60%)

Green (73%)

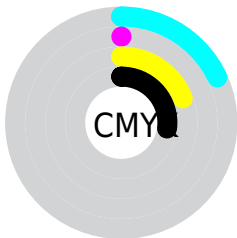
Blue (59%)



Red (59%)

Yellow (73%)

Blue (73%)

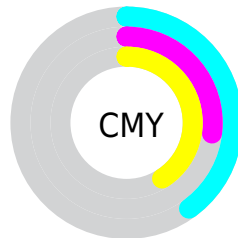


Cyan (18%)

Magenta (0%)

Yellow (19%)

Black (27%)



Cyan (40%)

Magenta (27%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.0276, 0.3112, 0.3796 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 44.0276, 0.3112, 0.3796 by changing the saturation by 10% instead.

■ 44.0276, 0.3112,
0.3796

■ 44.0276, 0.3112,
0.3796

362.8209, 0.3124,
0.3533

■ 30.6922, 0.3108,
0.3865

■ 81.2593, 0.3117,
0.3698

■ 20.3646, 0.3101,
0.3956

■ 105.9243, 0.3119,
0.3662

■ 12.6603, 0.3091,
0.4080

135.1348, 0.3120,
0.3632

■ 7.1951, 0.3073,
0.4261

169.2749, 0.3121,
0.3606

■ 3.5844, 0.3037,
0.4547

208.7292, 0.3122,
0.3584

■ 1.4439, 0.3027,
0.5192

253.8821, 0.3123,

■ 0.2488, 0.0000,

0.3565

1.0000

305.1178, 0.3123,
0.3548

0.0000, 0.0000,
0.0000

44.0276, 0.3112,
0.3796

44.0276, 0.3112,
0.3796

41.8610, 0.3101,
0.4111

46.5582, 0.3121,
0.3512

40.0365, 0.3089,
0.4452

49.4625, 0.3128,
0.3263

38.5382, 0.3074,
0.4805

52.7570, 0.3134,
0.3045

37.3469, 0.3059,
0.5151

56.4552, 0.3138,
0.2857

36.4413, 0.3043,
0.5463

60.5702, 0.3141,
0.2696

■ 35.7976, 0.3028,
0.5717

■ 63.5988, 0.3159,
0.2614

■ 35.3878, 0.3015,
0.5891

■ 35.1729, 0.3007,
0.5986

■ 35.1546, 0.3006,
0.5995

Harmonies

Analogous

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



44.0276, 0.3435, 0.3878



44.0276, 0.3112, 0.3796



44.0276, 0.2804, 0.3553

Triad

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



44.0276, 0.3112, 0.3796



44.0276, 0.2589, 0.2789



44.0276, 0.3695, 0.3301

Complementary

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



44.0276, 0.3112, 0.3796



35.9794, 0.3139, 0.2829

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.



44.0276, 0.3445, 0.3042



44.0276, 0.3112, 0.3796



44.0276, 0.2804, 0.2754

Square

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



44.0276, 0.3112, 0.3796



44.0276, 0.2512, 0.2959



44.0276, 0.3115, 0.2847



44.0276, 0.3783, 0.3570

Rectangle

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



44.0276, 0.3112, 0.3796



44.0276, 0.2646, 0.3343



44.0276, 0.3115, 0.2847



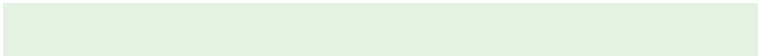
44.0276, 0.3626, 0.3211

Sweetspot

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



44.0295, 0.3112, 0.3796



85.7570, 0.3123, 0.3441



47.3018, 0.3409, 0.3737



18.8118, 0.3122, 0.3458



95.5105, 0.3127, 0.3290



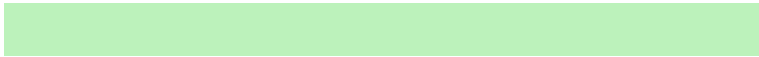
19.5994, 0.3127, 0.3290

Same Dimension

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



44.0295, 0.3112, 0.3796



77.9369, 0.3107, 0.3936



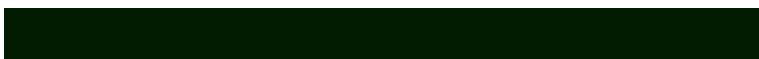
44.4976, 0.2982, 0.3555



10.0725, 0.3120, 0.3526



23.6561, 0.3008, 0.5994



0.8383, 0.3040, 0.5969

Inverse Universe

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



35.9794, 0.3139, 0.2829



60.3971, 0.3141, 0.2715



35.4536, 0.3303, 0.3039



9.1487, 0.3133, 0.3064



8.9563, 0.3136, 0.1501



0.3200, 0.3156, 0.1512

Previews

White Background



This preview shows how the Yxy color 44.0276, 0.3112, 0.3796 looks on a white background.

Color Contrast Check

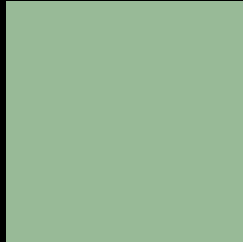
Large Text (above 18pt) WCAG AA × Fail

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 44.0276, 0.3112, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

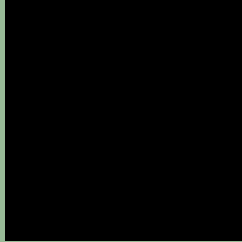
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0276, 0.3112, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 44.0276, 0.3112, 0.3796.



This preview shows how white text looks on a background with the Yxy color 44.0276, 0.3112, 0.3796.

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

44.0276, 0.3112, 0.3796

Protanopia

43.6908, 0.3482, 0.3692

Deuteranopia

43.6391, 0.3569, 0.3495



Tritanopia

43.9085, 0.2849, 0.3100

Trichromacy



Original Color

44.0276, 0.3112, 0.3796

Protanomaly

43.7793, 0.3335, 0.3732

Deuteranomaly

43.5409, 0.3393, 0.3600

Tritanomaly

43.7382, 0.2943, 0.3345

Monochromacy



Original Color

44.0276, 0.3112, 0.3796

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.1239, 0.3127, 0.3472

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0276, 0.3112, 0.3796 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(152, 186, 151)` looks like.

```
.text, #text, p{  
    color:rgb(152, 186, 151)  
}
```

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(152, 186, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 186, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.0276, 0.3112, 0.3796 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(152, 186, 151) }
```

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

```
.border{ border-color:rgb(152, 186, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 186, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(152, 186,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0276, 0.3112, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 186, 151) }
```

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

```
.background{ background-color: rgb(152,  
186, 151) }
```

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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