

Converting Colors

$Yxy(44.8081, 0.3111, 0.3709)$

Have a look what the booklet for
Yxy(44.8081, 0.3111, 0.3709)
contains.

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Color

Yxy(44.7202, 0.3108, 0.3701)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9DBA9D |
| RGB | 157, 186, 157 |
| RGB Percent | 62%, 73%, 62% |
| CMY | 0.3842, 0.2706, 0.3842 |
| CMYK | 0.16, 0.00, 0.16, 0.27 |
| HSL | 120°, 17%, 67% |
| HSV | 120°, 16%, 73% |
| XYZ | 37.5548, 44.7202, 38.5577 |
| YIQ | 174.0230, -7.9750, -15.1670 |

Conversions

Conversions Part 2

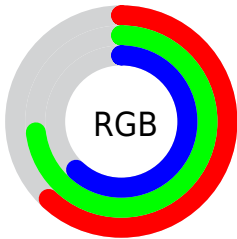
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 157, 186, 186 |
| Decimal | 10336925 |
| CIELab | 72.71, -15.46, 11.45 |
| CIElCh | 73, 19.237, 143.485 |
| Yxy | 44.7202, 0.3108, 0.3701 |
| Android (android.graphics.Color) | 4288527005 (0xFF9DBA9D) |
| YUV | 174.0230, -8.3923, -14.9292 |
| Hunter-Lab | 66.8732, -16.7855, 12.6258 |

Details

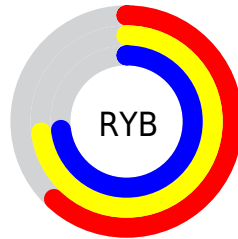
The Yxy color **44.7202, 0.3108, 0.3701** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.1014, 0.3145, 0.2911**, and the grayscale version is **42.3909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2548, 0.3112, 0.3616**, and **20.8189, 0.3091, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **42.4040, 0.3094, 0.4008**, and if you desaturate by 10%, it is **47.4214, 0.3121, 0.3428**.

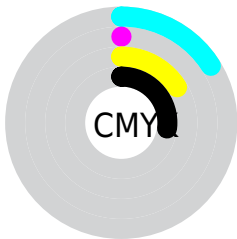
Distribution



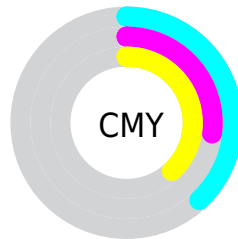
- Red (62%)
- Green (73%)
- Blue (62%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7202, 0.3108, 0.3701 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 44.7202, 0.3108, 0.3701 by changing the saturation by 10% instead.

 44.7202, 0.3108,
0.3701


 44.7202, 0.3108,
0.3701


365.6392, 0.3120,
0.3489

 31.2371, 0.3104,
0.3756


 82.3004, 0.3113,
0.3622

 20.7795, 0.3098,
0.3829


 107.1662, 0.3115,
0.3593

 12.9629, 0.3089,
0.3927


136.5952, 0.3116,
0.3569

 7.4030, 0.3075,
0.4070

170.9715, 0.3117,
0.3548

 3.7154, 0.3048,
0.4293

210.6797, 0.3118,
0.3530

 1.5157, 0.3005,
0.4718

256.1041, 0.3119,

 0.2997, 0.0000,

0.3515

1.0000

307.6291, 0.3120,
0.3501

0.0000, 0.0000,
0.0000

44.7202, 0.3108,
0.3701

44.7202, 0.3108,
0.3701

42.4040, 0.3094,
0.4008

47.4214, 0.3121,
0.3428

40.4500, 0.3078,
0.4344

50.5181, 0.3132,
0.3188

38.8416, 0.3061,
0.4697

54.0272, 0.3142,
0.2981

37.5587, 0.3045,
0.5051

57.9632, 0.3150,
0.2804

36.5790, 0.3029,
0.5378

62.3397, 0.3157,
0.2651

■ 35.8777, 0.3017,
0.5653

■ 63.5959, 0.3159,
0.2614

■ 35.4259, 0.3007,
0.5852

■ 35.1876, 0.3002,
0.5965

■ 35.1165, 0.3000,
0.6000

Harmonies

Analogous

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



44.7202, 0.3377, 0.3776



44.7202, 0.3108, 0.3701



44.7202, 0.2852, 0.3499

Triad

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



44.7202, 0.3108, 0.3701



44.7202, 0.2681, 0.2870



44.7202, 0.3602, 0.3310

Complementary

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



44.7202, 0.3108, 0.3701



38.1014, 0.3145, 0.2911

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.



44.7202, 0.3400, 0.3090



44.7202, 0.3108, 0.3701



44.7202, 0.2866, 0.2841

Square

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



44.7202, 0.3108, 0.3701



44.7202, 0.2612, 0.3011



44.7202, 0.3128, 0.2922



44.7202, 0.3670, 0.3534

Rectangle

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



44.7202, 0.3108, 0.3701



44.7202, 0.2721, 0.3328



44.7202, 0.3128, 0.2922



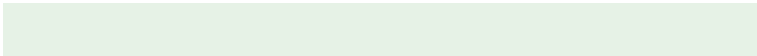
44.7202, 0.3547, 0.3233

Sweetspot

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



44.7221, 0.3108, 0.3701



86.2209, 0.3121, 0.3415



47.7862, 0.3358, 0.3665



18.9055, 0.3120, 0.3433



95.5105, 0.3127, 0.3290



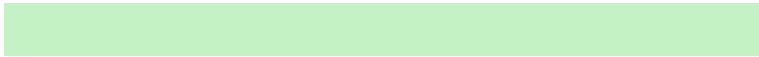
19.5994, 0.3127, 0.3290

Same Dimension

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



44.7221, 0.3108, 0.3701



79.4176, 0.3103, 0.3812



45.2269, 0.3003, 0.3499



10.0603, 0.3116, 0.3526



23.6267, 0.3000, 0.6000



0.8330, 0.3001, 0.5999

Inverse Universe

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



38.1014, 0.3145, 0.2911



64.9235, 0.3149, 0.2818



37.5364, 0.3273, 0.3090



9.1625, 0.3138, 0.3065



9.4003, 0.3208, 0.1541



0.3315, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 44.7202, 0.3108, 0.3701 looks on a white background.

Color Contrast Check

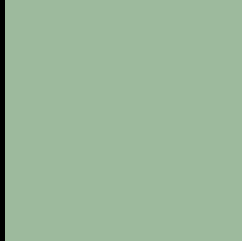
Large Text (above 18pt) WCAG AA × Fail

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 44.7202, 0.3108, 0.3701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

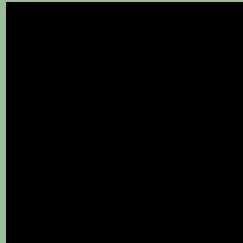
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.7202, 0.3108, 0.3701

Background



This preview shows how black text looks on a background with the Yxy color 44.7202, 0.3108, 0.3701.



This preview shows how white text looks on a background with the Yxy color 44.7202, 0.3108, 0.3701.

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

44.7202, 0.3108, 0.3701

Protanopia

44.7055, 0.3416, 0.3622

Deuteranopia

44.5997, 0.3509, 0.3443



Tritanopia

44.7744, 0.2874, 0.3102

Trichromacy



Original Color

44.7202, 0.3108, 0.3701

Protanomaly

44.6109, 0.3302, 0.3659

Deuteranomaly

44.3866, 0.3358, 0.3529

Tritanomaly

44.7802, 0.2961, 0.3317

Monochromacy



Original Color

44.7202, 0.3108, 0.3701

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9928, 0.3121, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7202, 0.3108, 0.3701 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, 186, 157)` looks like.

```
.text, #text, p{  
    color:rgb(157, 186, 157)  
}
```

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, 186, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 186, 157) }
```

Border

The CSS property to change the border of an element to Yxy 44.7202, 0.3108, 0.3701 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, 186, 157) }
```

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

```
.border{ border-color:rgb(157, 186, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 186, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 186, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 186, 157);  
box-shadow:4px 4px 4px 4px rgb(157, 186,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7202, 0.3108, 0.3701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 186, 157) }
```

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

```
.background{ background-color: rgb(157,  
186, 157) }
```

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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