

Converting Colors

$Yxy(57.4167, 0.2934, 0.3776)$

Have a look what the booklet for
Yxy(57.4167, 0.2934, 0.3776)
contains.

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Color

Yxy(57.3985, 0.2937, 0.3782)

Conversions

Conversions Part 1

Format	Color
Hex	98D5B0
RGB	152, 213, 176
RGB Percent	60%, 84%, 69%
CMY	0.4040, 0.1647, 0.3099
CMYK	0.29, 0.00, 0.17, 0.16
HSL	144°, 42%, 72%
HSV	144°, 29%, 84%
XYZ	44.5741, 57.3985, 49.7949
YIQ	190.5430, -24.4790, -24.4390

Conversions

Conversions Part 2

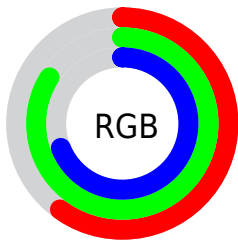
Format	Color
RYB	152, 196, 213
Decimal	10016176
CIELab	80.40, -27.07, 12.12
CIElCh	80, 29.658, 155.872
Yxy	57.3985, 0.2937, 0.3782
Android (android.graphics.Color)	4288206256 (0xFF98D5B0)
YUV	190.5430, -7.1697, -33.8022
Hunter-Lab	75.7618, -27.5634, 14.0645

Details

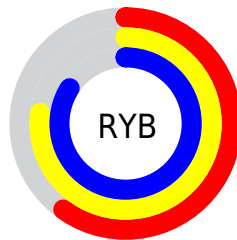
The Yxy color **57.3985, 0.2937, 0.3782** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.2693, 0.3381, 0.2846**, and the grayscale version is **51.8721, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.6116, 0.2965, 0.3533**, and **28.5364, 0.2884, 0.3929** is the 20% darker color. If you saturate the color by 10%, you get **55.0399, 0.2879, 0.3989**, and if you desaturate by 10%, it is **60.1797, 0.3001, 0.3593**.

Distribution



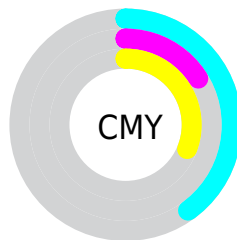
- Red (60%)
- Green (84%)
- Blue (69%)



- Red (60%)
- Yellow (77%)
- Blue (84%)



- Cyan (29%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)





- Cyan (40%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3985, 0.2937, 0.3782 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 57.3985, 0.2937, 0.3782 by changing the saturation by 10% instead.


 57.3985, 0.2937,
0.3782


 57.3985, 0.2937,
0.3782


414.9409, 0.3033,
0.3536

 41.3253, 0.2913,
0.3843


 101.0464, 0.2972,
0.3693

 28.5733, 0.2882,
0.3922


 129.3899, 0.2985,
0.3659

 18.7583, 0.2841,
0.4026


162.5922, 0.2996,
0.3631

 11.4958, 0.2782,
0.4171

201.0379, 0.3006,
0.3607

 6.4013, 0.2696,
0.4387

245.1111, 0.3014,
0.3586

 3.0906, 0.2552,
0.4738

295.1965, 0.3021,

 1.1792, 0.2149,

0.3567

0.5839

351.6782, 0.3027,
0.3551

0.0446, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.3985, 0.2937,
0.3782

57.3985, 0.2937,
0.3782

55.0399, 0.2879,
0.3989

60.1797, 0.3001,
0.3593

53.0755, 0.2830,
0.4212

63.3958, 0.3068,
0.3422

51.4847, 0.2794,
0.4445

67.0676, 0.3136,
0.3271

50.2421, 0.2773,
0.4683

71.2123, 0.3204,
0.3137

■ 49.3188, 0.2770,
0.4917

■ 75.1807, 0.3245,
0.3017

■ 48.6809, 0.2786,
0.5137

■ 75.9788, 0.3156,
0.2895

■ 48.2771, 0.2819,
0.5337

■ 76.0742, 0.3146,
0.2881

■ 48.2311, 0.2823,
0.5363

Harmonies

Analogous

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



57.3985, 0.3321, 0.3972



57.3985, 0.2937, 0.3782



57.3985, 0.2617, 0.3435

Triad

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



57.3985, 0.2937, 0.3782



57.3985, 0.2591, 0.2667



57.3985, 0.3871, 0.3440

Complementary

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



57.3985, 0.2937, 0.3782



40.2693, 0.3381, 0.2846

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.



57.3985, 0.3651, 0.3127



57.3985, 0.2937, 0.3782



57.3985, 0.2899, 0.2697

Square

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



57.3985, 0.2937, 0.3782



57.3985, 0.2428, 0.2792



57.3985, 0.3288, 0.2863



57.3985, 0.3873, 0.3738

Rectangle

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



57.3985, 0.2937, 0.3782



57.3985, 0.2479, 0.3182



57.3985, 0.3288, 0.2863



57.3985, 0.3819, 0.3334

Sweetspot

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



57.4009, 0.2937, 0.3782



95.0397, 0.3065, 0.3429



60.7577, 0.3371, 0.4047



20.1822, 0.3055, 0.3453



0.0000, 0.0000, 0.0000



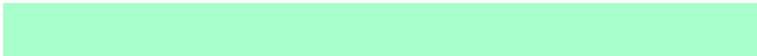
21.4041, 0.3127, 0.3290

Same Dimension

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



57.4009, 0.2937, 0.3782



84.1614, 0.2903, 0.3898



58.7178, 0.2755, 0.3380



13.9761, 0.3063, 0.3435



29.4770, 0.2816, 0.5336



1.7940, 0.2718, 0.4984

Inverse Universe

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



40.2693, 0.3381, 0.2846



54.5909, 0.3448, 0.2754



39.1017, 0.3681, 0.3204



12.5461, 0.3197, 0.3150



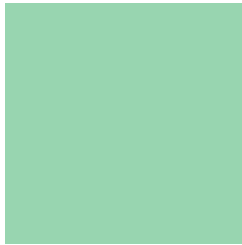
9.6333, 0.4504, 0.2255



0.5971, 0.4221, 0.2099

Previews

White Background



This preview shows how the Yxy color 57.3985, 0.2937, 0.3782 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 57.3985, 0.2937, 0.3782 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

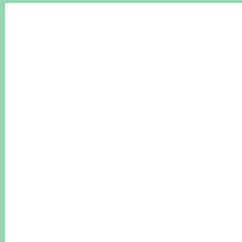
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3985, 0.2937, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 57.3985, 0.2937, 0.3782.

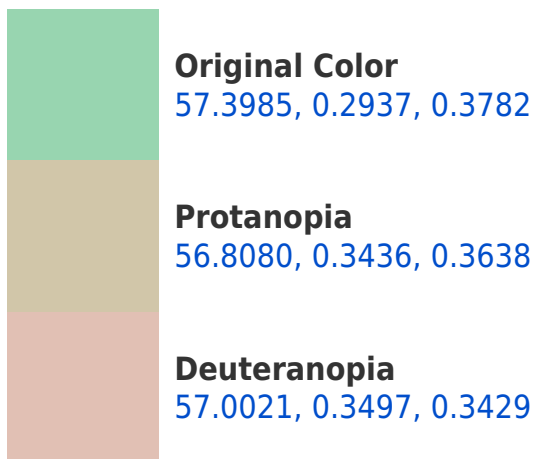


This preview shows how white text looks on a background with the Yxy color 57.3985, 0.2937, 0.3782.

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





Tritanopia

57.0474, 0.2703, 0.3078

Trichromacy



Original Color

57.3985, 0.2937, 0.3782

Protanomaly

56.3818, 0.3233, 0.3680

Deuteranomaly

56.5690, 0.3266, 0.3547

Tritanomaly

57.3263, 0.2788, 0.3327

Monochromacy



Original Color

57.3985, 0.2937, 0.3782

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

53.7391, 0.3050, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3985, 0.2937, 0.3782 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, 213, 176)` looks like.

```
.text, #text, p{  
    color:rgb(152, 213, 176)  
}
```

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, 213, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 213, 176) }
```

Border

The CSS property to change the border of an element to Yxy 57.3985, 0.2937, 0.3782 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, 213, 176) }
```

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

```
.border{ border-color:rgb(152, 213, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 213, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 213, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 213, 176);  
box-shadow:4px 4px 4px 4px rgb(152, 213,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3985, 0.2937, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 213, 176) }
```

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

```
.background{ background-color: rgb(152,  
213, 176) }
```

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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