

Converting Colors

$Yxy(48.6222, 0.3014, 0.3787)$

Have a look what the booklet for
Yxy(48.6222, 0.3014, 0.3787)
contains.

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Color

Yxy(48.4426, 0.3012, 0.3783)

Conversions

Conversions Part 1

Format	Color
Hex	95C4A1
RGB	149, 196, 161
RGB Percent	58%, 77%, 63%
CMY	0.4156, 0.2314, 0.3686
CMYK	0.24, 0.00, 0.18, 0.23
HSL	135°, 28%, 68%
HSV	135°, 24%, 77%
XYZ	38.5697, 48.4426, 41.0411
YIQ	177.9570, -16.7770, -20.8490

Conversions

Conversions Part 2

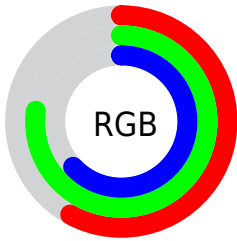
Format	Color
RYB	149, 186, 196
Decimal	9815201
CIELab	75.10, -22.51, 12.60
CIELCh	75, 25.800, 150.759
Yxy	48.4426, 0.3012, 0.3783
Android (android.graphics.Color)	4288005281 (0xFF95C4A1)
YUV	177.9570, -8.3598, -25.3953
Hunter-Lab	69.6007, -22.8843, 13.7593

Details

The Yxy color **48.4426, 0.3012, 0.3783** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.6954, 0.3267, 0.2843**, and the grayscale version is **44.5511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.0458, 0.3035, 0.3690**, and **22.9915, 0.2976, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **46.2681, 0.2967, 0.4029**, and if you desaturate by 10%, it is **50.9915, 0.3060, 0.3561**.

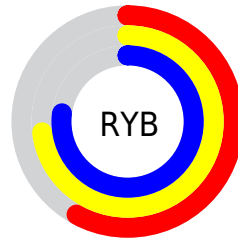
Distribution



Red (58%)

Green (77%)

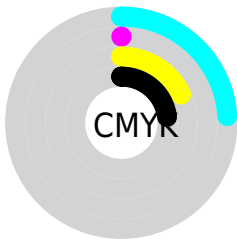
Blue (63%)



Red (58%)

Yellow (73%)

Blue (77%)

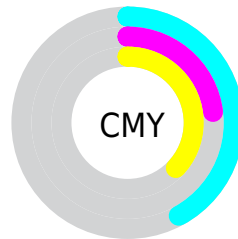


Cyan (24%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (42%)


Magenta (23%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4426, 0.3012, 0.3783 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 48.4426, 0.3012, 0.3783 by changing the saturation by 10% instead.


 48.4426, 0.3012,
0.3783

 48.4426, 0.3012,
0.3783


380.5438, 0.3073,
0.3530

 34.1775, 0.2996,
0.3848


 87.8630, 0.3035,
0.3690

 23.0300, 0.2974,
0.3933


 113.7872, 0.3044,
0.3655

 14.6157, 0.2943,
0.4049

144.3664, 0.3051,
0.3626

 8.5501, 0.2898,
0.4214

179.9853, 0.3056,
0.3601

 4.4489, 0.2826,
0.4470

221.0280, 0.3062,
0.3580

 1.9277, 0.2691,
0.4914

267.8791, 0.3066,

 0.5650, 0.0000,

0.3561

1.0000

320.9229, 0.3070,
0.3545

0.0000, 0.0000,
0.0000

48.4426, 0.3012,
0.3783

48.4426, 0.3012,
0.3783

46.2681, 0.2967,
0.4029

50.9915, 0.3060,
0.3561

44.4443, 0.2928,
0.4294

53.9251, 0.3108,
0.3362

42.9543, 0.2896,
0.4574

57.2609, 0.3156,
0.3187

41.7772, 0.2876,
0.4857

61.0134, 0.3202,
0.3034

40.8896, 0.2870,
0.5131

65.1963, 0.3246,
0.2901

■ 40.2650, 0.2878,
0.5382

■ 67.5535, 0.3200,
0.2771

■ 39.8713, 0.2901,
0.5594

■ 67.9602, 0.3154,
0.2712

■ 39.7110, 0.2917,
0.5702

Harmonies

Analogous

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



48.4426, 0.3367, 0.3925



48.4426, 0.3012, 0.3783



48.4426, 0.2700, 0.3483

Triad

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



48.4426, 0.3012, 0.3783



48.4426, 0.2596, 0.2724



48.4426, 0.3789, 0.3381

Complementary

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



48.4426, 0.3012, 0.3783



36.6954, 0.3267, 0.2843

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.



48.4426, 0.3559, 0.3094



48.4426, 0.3012, 0.3783



48.4426, 0.2862, 0.2727

Square

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



48.4426, 0.3012, 0.3783



48.4426, 0.2470, 0.2866



48.4426, 0.3214, 0.2860



48.4426, 0.3828, 0.3664

Rectangle

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



48.4426, 0.3012, 0.3783



48.4426, 0.2555, 0.3251



48.4426, 0.3214, 0.2860



48.4426, 0.3731, 0.3283

Sweetspot

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



48.4446, 0.3012, 0.3783



95.9437, 0.3093, 0.3422



51.8723, 0.3384, 0.3902



20.4647, 0.3090, 0.3434



0.0000, 0.0000, 0.0000



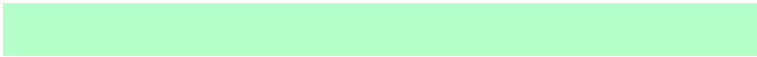
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4446, 0.3012, 0.3783



85.5170, 0.2987, 0.3915



49.3423, 0.2854, 0.3450



11.3001, 0.3082, 0.3466



25.5279, 0.2911, 0.5679



1.1146, 0.2783, 0.5218

Inverse Universe

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



36.6954, 0.3267, 0.2843



60.3908, 0.3306, 0.2738



35.7994, 0.3498, 0.3136



10.2021, 0.3176, 0.3120



8.8876, 0.3973, 0.1962



0.3946, 0.3767, 0.1849

Previews

White Background



This preview shows how the Yxy color 48.4426, 0.3012, 0.3783 looks on a white background.

Color Contrast Check

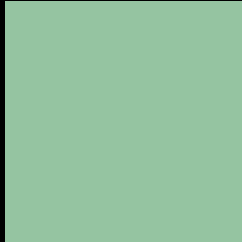
Large Text (above 18pt) WCAG AA × Fail

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 48.4426, 0.3012, 0.3783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

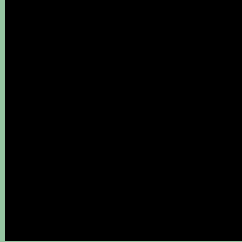
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4426, 0.3012, 0.3783

Background



This preview shows how black text looks on a background with the Yxy color 48.4426, 0.3012, 0.3783.

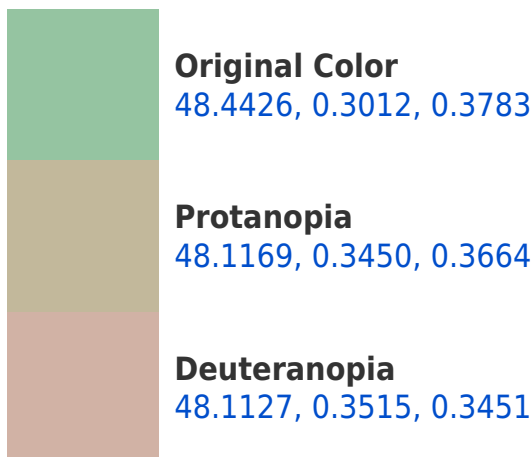


This preview shows how white text looks on a background with the Yxy color 48.4426, 0.3012, 0.3783.

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

48.4028, 0.2768, 0.3092

Trichromacy



Original Color

48.4426, 0.3012, 0.3783

Protanomaly

47.8657, 0.3284, 0.3705

Deuteranomaly

47.9431, 0.3311, 0.3564

Tritanomaly

48.2434, 0.2855, 0.3330

Monochromacy



Original Color

48.4426, 0.3012, 0.3783

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.8920, 0.3077, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4426, 0.3012, 0.3783 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(149, 196, 161)` looks like.

```
.text, #text, p{  
    color:rgb(149, 196, 161)  
}
```

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(149, 196, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 196, 161) }
```

Border

The CSS property to change the border of an element to Yxy 48.4426, 0.3012, 0.3783 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(149, 196, 161) }
```

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

```
.border{ border-color:rgb(149, 196, 161) }
```

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

Here you see how a box with a 4 pixel rgb(149, 196, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 196, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 196, 161);  
box-shadow:4px 4px 4px 4px rgb(149, 196,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4426, 0.3012, 0.3783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 196, 161) }
```

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

```
.background{ background-color: rgb(149,  
196, 161) }
```

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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