

Converting Colors

$Yxy(47.1165, 0.3089, 0.3873)$

Have a look what the booklet for
Yxy(47.1165, 0.3089, 0.3873)
contains.

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Color

Yxy(46.9862, 0.3092, 0.3874)

Conversions

Conversions Part 1

Format	Color
Hex	97C198
RGB	151, 193, 152
RGB Percent	59%, 76%, 60%
CMY	0.4078, 0.2431, 0.4039
CMYK	0.22, 0.00, 0.21, 0.24
HSL	121°, 25%, 67%
HSV	121°, 22%, 76%
XYZ	37.5016, 46.9862, 36.7982
YIQ	175.7680, -11.8710, -21.6550

Conversions

Conversions Part 2

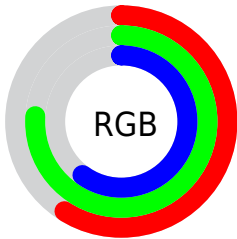
Format	Color
RYB	151, 192, 193
Decimal	9945496
CIELab	74.18, -21.99, 16.17
CIELCh	74, 27.294, 143.661
Yxy	46.9862, 0.3092, 0.3874
Android (android.graphics.Color)	4288135576 (0xFF97C198)
YUV	175.7680, -11.7176, -21.7215
Hunter-Lab	68.5465, -22.2994, 16.1536

Details

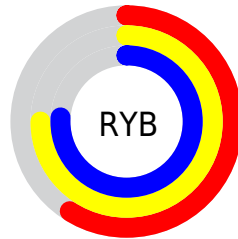
The Yxy color **46.9862, 0.3092, 0.3874** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.2816, 0.3161, 0.2768**, and the grayscale version is **43.3578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9493, 0.3105, 0.3770**, and **22.0575, 0.3071, 0.4049** is the 20% darker color. If you saturate the color by 10%, you get **44.7207, 0.3074, 0.4193**, and if you desaturate by 10%, it is **49.6561, 0.3109, 0.3586**.

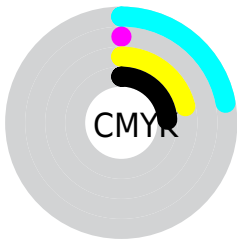
Distribution



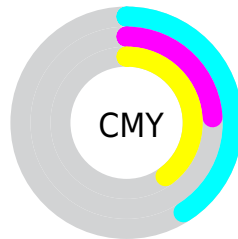
- Red (59%)
- Green (76%)
- Blue (60%)



- Red (59%)
- Yellow (75%)
- Blue (76%)



- Cyan (22%)
- Magenta (0%)
- Yellow (21%)
- Black (24%)




- Cyan (41%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.9862, 0.3092, 0.3874 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 46.9862, 0.3092, 0.3874 by changing the saturation by 10% instead.


 46.9862, 0.3092,
0.3874

 46.9862, 0.3092,
0.3874


374.7594, 0.3115,
0.3572

 33.0247, 0.3084,
0.3953


 85.6930, 0.3102,
0.3762

 22.1454, 0.3074,
0.4055


 111.2072, 0.3105,
0.3721

 13.9638, 0.3057,
0.4195


141.3410, 0.3107,
0.3686

 8.0955, 0.3030,
0.4397

176.4790, 0.3110,
0.3656

 4.1561, 0.2979,
0.4710

217.0054, 0.3111,
0.3631

 1.7613, 0.2911,
0.5336

263.3047, 0.3113,

 0.4629, 0.0000,

0.3609

1.0000

315.7612, 0.3114,
0.3589

0.0000, 0.0000,
0.0000

46.9862, 0.3092,
0.3874

46.9862, 0.3092,
0.3874

44.7207, 0.3074,
0.4193

49.6561, 0.3109,
0.3586

42.8344, 0.3055,
0.4535

52.7424, 0.3125,
0.3331

41.3083, 0.3038,
0.4886

56.2640, 0.3139,
0.3109

40.1194, 0.3022,
0.5224

60.2370, 0.3151,
0.2918

39.2422, 0.3009,
0.5524

64.6765, 0.3162,
0.2753

■ 38.6476, 0.3001,
0.5760

■ 66.6205, 0.3156,
0.2683

■ 38.3007, 0.2998,
0.5916

■ 38.1505, 0.2996,
0.5986

Harmonies

Analogous

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



46.9862, 0.3467, 0.3975



46.9862, 0.3092, 0.3874



46.9862, 0.2740, 0.3582

Triad

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



46.9862, 0.3092, 0.3874



46.9862, 0.2515, 0.2708



46.9862, 0.3794, 0.3311

Complementary

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



46.9862, 0.3092, 0.3874



37.2816, 0.3161, 0.2768

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.



46.9862, 0.3508, 0.3015



46.9862, 0.3092, 0.3874



46.9862, 0.2765, 0.2677

Square

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



46.9862, 0.3092, 0.3874



46.9862, 0.2421, 0.2894



46.9862, 0.3126, 0.2788



46.9862, 0.3887, 0.3619

Rectangle

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



46.9862, 0.3092, 0.3874



46.9862, 0.2564, 0.3335



46.9862, 0.3126, 0.2788



46.9862, 0.3716, 0.3208

Sweetspot

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



46.9882, 0.3092, 0.3874



91.4059, 0.3116, 0.3463



51.6212, 0.3445, 0.3827



19.5385, 0.3115, 0.3479



97.7402, 0.3127, 0.3290



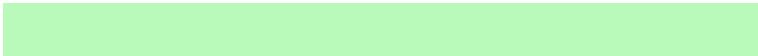
20.4902, 0.3127, 0.3290

Same Dimension

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



46.9882, 0.3092, 0.3874



82.1787, 0.3084, 0.4019



47.7270, 0.2945, 0.3572



11.2626, 0.3113, 0.3522



25.3759, 0.2995, 0.5982



1.0978, 0.2977, 0.5917

Inverse Universe

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



37.2816, 0.3161, 0.2768



61.7729, 0.3169, 0.2655



36.4273, 0.3358, 0.3024



10.2433, 0.3141, 0.3068



9.9707, 0.3268, 0.1574



0.4321, 0.3254, 0.1566

Previews

White Background



This preview shows how the Yxy color 46.9862, 0.3092, 0.3874 looks on a white background.

Color Contrast Check

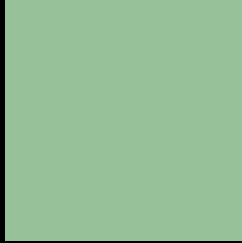
Large Text (above 18pt) WCAG AA × Fail

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 46.9862, 0.3092, 0.3874 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 46.9862, 0.3092, 0.3874

Background



This preview shows how black text looks on a background with the Yxy color 46.9862, 0.3092, 0.3874.



This preview shows how white text looks on a background with the Yxy color 46.9862, 0.3092, 0.3874.

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

46.9862, 0.3092, 0.3874

Protanopia

46.8687, 0.3521, 0.3758

Deuteranopia

46.6156, 0.3603, 0.3527



Tritanopia

46.8084, 0.2813, 0.3091

Trichromacy



Original Color

46.9862, 0.3092, 0.3874

Protanomaly

46.7209, 0.3359, 0.3803

Deuteranomaly

46.5138, 0.3400, 0.3645

Tritanomaly

46.9822, 0.2917, 0.3371

Monochromacy



Original Color

46.9862, 0.3092, 0.3874

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.4614, 0.3117, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.9862, 0.3092, 0.3874 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(151, 193, 152)` looks like.

```
.text, #text, p{  
    color:rgb(151, 193, 152)  
}
```

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(151, 193, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 193, 152) }
```

Border

The CSS property to change the border of an element to Yxy 46.9862, 0.3092, 0.3874 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(151, 193, 152) }
```

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

```
.border{ border-color:rgb(151, 193, 152) }
```

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

Here you see how a box with a 4 pixel rgb(151, 193, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 193, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 193, 152);  
box-shadow:4px 4px 4px 4px rgb(151, 193,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 46.9862, 0.3092, 0.3874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 193, 152) }
```

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

```
.background{ background-color: rgb(151,  
193, 152) }
```

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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