

Converting Colors

$Yxy(51.1150, 0.2942, 0.3666)$

Have a look what the booklet for
Yxy(51.1150, 0.2942, 0.3666)
contains.

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Color

Yxy(51.3697, 0.2946, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	97C9AD
RGB	151, 201, 173
RGB Percent	59%, 79%, 68%
CMY	0.4076, 0.2118, 0.3215
CMYK	0.25, 0.00, 0.14, 0.21
HSL	146°, 32%, 69%
HSV	146°, 25%, 79%
XYZ	41.2021, 51.3697, 47.2859
YIQ	182.8580, -20.8120, -19.3080

Conversions

Conversions Part 2

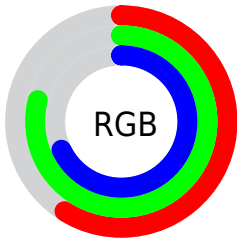
Format	Color
RYB	151, 186, 201
Decimal	9947565
CIELab	76.90, -22.03, 8.72
CIELCh	77, 23.694, 158.405
Yxy	51.3697, 0.2946, 0.3673
Android (android.graphics.Color)	4288137645 (0xFF97C9AD)
YUV	182.8580, -4.8600, -27.9395
Hunter-Lab	71.6727, -22.8139, 11.0544

Details

The Yxy color **51.3697, 0.2946, 0.3673** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.8272, 0.3362, 0.2936**, and the grayscale version is **47.3160, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2432, 0.2981, 0.3577**, and **24.9006, 0.2891, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **49.1910, 0.2880, 0.3856**, and if you desaturate by 10%, it is **53.9173, 0.3017, 0.3506**.

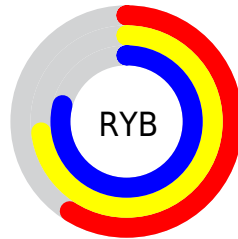
Distribution



Red (59%)

Green (79%)

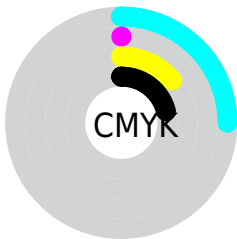
Blue (68%)



Red (59%)

Yellow (73%)

Blue (79%)

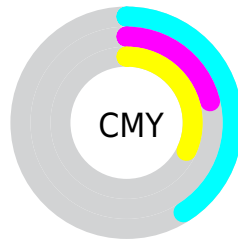


Cyan (25%)

Magenta (0%)

Yellow (14%)

Black (21%)



Cyan (41%)


Magenta (21%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3697, 0.2946, 0.3673 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 51.3697, 0.2946, 0.3673 by changing the saturation by 10% instead.


 51.3697, 0.2946,
0.3673

 51.3697, 0.2946,
0.3673


391.9984, 0.3038,
0.3480

 36.5029, 0.2923,
0.3722


 92.2010, 0.2980,
0.3602

 24.8229, 0.2893,
0.3785


 118.9343, 0.2992,
0.3576

 15.9451, 0.2853,
0.3870


150.3920, 0.3003,
0.3553

 9.4853, 0.2796,
0.3990

186.9583, 0.3012,
0.3534

 5.0591, 0.2710,
0.4172

229.0177, 0.3019,
0.3518

 2.2820, 0.2565,
0.4479

276.9546, 0.3026,

 0.7641, 0.1604,

0.3503

0.6503

331.1534, 0.3032,
0.3491

0.0000, 0.0000,
0.0000

51.3697, 0.2946,
0.3673

51.3697, 0.2946,
0.3673

49.1910, 0.2880,
0.3856

53.9173, 0.3017,
0.3506

47.3572, 0.2823,
0.4055

56.8438, 0.3091,
0.3356

45.8516, 0.2777,
0.4265

60.1665, 0.3166,
0.3223

44.6532, 0.2746,
0.4484

63.8998, 0.3240,
0.3106

43.7385, 0.2733,
0.4703

68.0576, 0.3311,
0.3003

■ 43.0806, 0.2740,
0.4917

■ 69.3548, 0.3255,
0.2896

■ 42.6467, 0.2765,
0.5117

■ 70.0473, 0.3174,
0.2791

■ 42.4790, 0.2782,
0.5215

■ 70.2484, 0.3152,
0.2762

Harmonies

Analogous

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



51.3697, 0.3265, 0.3843



51.3697, 0.2946, 0.3673



51.3697, 0.2685, 0.3385

Triad

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



51.3697, 0.2946, 0.3673



51.3697, 0.2698, 0.2766



51.3697, 0.3749, 0.3443

Complementary

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



51.3697, 0.2946, 0.3673



37.8272, 0.3362, 0.2936

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.



51.3697, 0.3582, 0.3178



51.3697, 0.2946, 0.3673



51.3697, 0.2965, 0.2799

Square

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



51.3697, 0.2946, 0.3673



51.3697, 0.2548, 0.2863



51.3697, 0.3290, 0.2948



51.3697, 0.3738, 0.3687

Rectangle

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



51.3697, 0.2946, 0.3673



51.3697, 0.2575, 0.3180



51.3697, 0.3290, 0.2948



51.3697, 0.3712, 0.3354

Sweetspot

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



51.3718, 0.2946, 0.3673



96.1428, 0.3074, 0.3389



53.6312, 0.3318, 0.3942



20.5107, 0.3070, 0.3398



0.0000, 0.0000, 0.0000



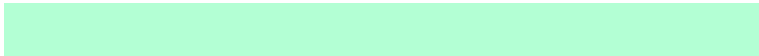
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3718, 0.2946, 0.3673



85.8044, 0.2908, 0.3773



52.4157, 0.2786, 0.3333



11.9641, 0.3057, 0.3422



26.7301, 0.2775, 0.5188



1.2802, 0.2660, 0.4775

Inverse Universe

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



37.8272, 0.3362, 0.2936



58.5402, 0.3430, 0.2853



36.9172, 0.3610, 0.3248



10.7348, 0.3204, 0.3161



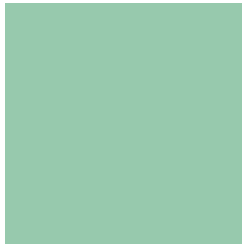
8.5708, 0.4688, 0.2356



0.4202, 0.4298, 0.2141

Previews

White Background



This preview shows how the Yxy color 51.3697, 0.2946, 0.3673 looks on a white background.

Color Contrast Check

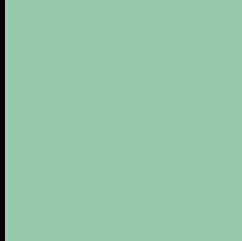
Large Text (above 18pt) WCAG AA × Fail

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 51.3697, 0.2946, 0.3673 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 51.3697, 0.2946, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 51.3697, 0.2946, 0.3673.



This preview shows how white text looks on a background with the Yxy color 51.3697, 0.2946, 0.3673.

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

51.3697, 0.2946, 0.3673

Protanopia

51.1910, 0.3376, 0.3566

Deuteranopia

51.0383, 0.3428, 0.3363



Tritanopia

51.4521, 0.2743, 0.3096

Trichromacy



Original Color

51.3697, 0.2946, 0.3673

Protanomaly

50.8283, 0.3210, 0.3603

Deuteranomaly

50.9087, 0.3235, 0.3468

Tritanomaly

51.3879, 0.2814, 0.3302

Monochromacy



Original Color

51.3697, 0.2946, 0.3673

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.7395, 0.3056, 0.3436

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3697, 0.2946, 0.3673 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, 201, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 201, 173)  
}
```

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, 201, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 201, 173) }
```

Border

The CSS property to change the border of an element to Yxy 51.3697, 0.2946, 0.3673 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, 201, 173) }
```

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

```
.border{ border-color:rgb(151, 201, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 201, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 201, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 201, 173);  
box-shadow:4px 4px 4px 4px rgb(151, 201,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3697, 0.2946, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 201, 173) }
```

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

```
.background{ background-color: rgb(151,  
201, 173) }
```

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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