

Converting Colors

Yxy(51.6693, 0.2982, 0.3654)

Have a look what the booklet for
Yxy(51.6693, 0.2982, 0.3654)
contains.

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Color

Yxy(51.5326, 0.2982, 0.3642)

Conversions

Conversions Part 1

Format	Color
Hex	9DC8AE
RGB	157, 200, 174
RGB Percent	62%, 78%, 68%
CMY	0.3844, 0.2156, 0.3176
CMYK	0.22, 0.00, 0.13, 0.22
HSL	144°, 28%, 70%
HSV	144°, 22%, 78%
XYZ	42.1939, 51.5326, 47.7688
YIQ	184.1790, -17.2820, -17.2020

Conversions

Conversions Part 2

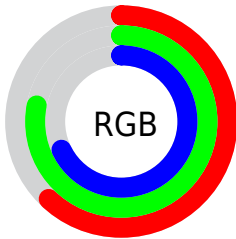
Format	Color
RYB	157, 188, 200
Decimal	10340526
CIELab	77.00, -19.44, 8.38
CIELCh	77, 21.169, 156.693
Yxy	51.5326, 0.2982, 0.3642
Android (android.graphics.Color)	4288530606 (0xFF9DC8AE)
YUV	184.1790, -5.0182, -23.8360
Hunter-Lab	71.7862, -20.7086, 10.7969

Details

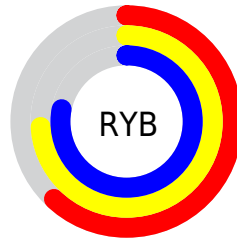
The Yxy color **51.5326, 0.2982, 0.3642** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.8011, 0.3306, 0.2963**, and the grayscale version is **48.0699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1742, 0.3011, 0.3563**, and **24.9662, 0.2938, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **49.2351, 0.2919, 0.3835**, and if you desaturate by 10%, it is **54.2061, 0.3049, 0.3468**.

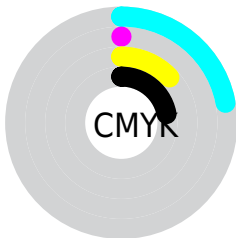
Distribution



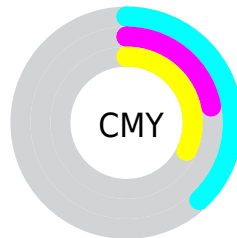
- Red (62%)
- Green (78%)
- Blue (68%)



- Red (62%)
- Yellow (74%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)





- Cyan (38%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.5326, 0.2982, 0.3642 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 51.5326, 0.2982, 0.3642 by changing the saturation by 10% instead.


 51.5326, 0.2982,
0.3642


 51.5326, 0.2982,
0.3642


392.6295, 0.3055,
0.3465

 36.6327, 0.2963,
0.3687


 92.4416, 0.3009,
0.3577

 24.9232, 0.2939,
0.3745


 119.2194, 0.3019,
0.3553

 16.0198, 0.2907,
0.3822


150.7252, 0.3027,
0.3533

 9.5382, 0.2861,
0.3931

187.3436, 0.3035,
0.3515

 5.0939, 0.2792,
0.4096

229.4588, 0.3041,
0.3500

 2.3024, 0.2674,
0.4373

277.4552, 0.3046,

 0.7750, 0.2023,

0.3487

0.5983

331.7174, 0.3051,
0.3475

0.0000, 0.0000,
0.0000

51.5326, 0.2982,
0.3642

51.5326, 0.2982,
0.3642

49.2351, 0.2919,
0.3835

54.2061, 0.3049,
0.3468

47.2900, 0.2864,
0.4045

57.2651, 0.3117,
0.3312

45.6811, 0.2818,
0.4269


60.7269, 0.3185,
0.3174


44.3879, 0.2785,
0.4502


64.6056, 0.3252,
0.3053


43.3881, 0.2769,
0.4738


68.5389, 0.3301,
0.2945

 42.6559, 0.2771,
0.4968

 69.2591, 0.3213,
0.2830

 42.1610, 0.2791,
0.5182

 69.7939, 0.3152,
0.2752

 41.8809, 0.2819,
0.5348

Harmonies

Analogous

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



51.5326, 0.3268, 0.3785



51.5326, 0.2982, 0.3642



51.5326, 0.2743, 0.3392

Triad

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



51.5326, 0.2982, 0.3642



51.5326, 0.2732, 0.2822



51.5326, 0.3677, 0.3416

Complementary

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



51.5326, 0.2982, 0.3642



39.8011, 0.3306, 0.2963

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.



51.5326, 0.3520, 0.3177



51.5326, 0.2982, 0.3642



51.5326, 0.2967, 0.2844

Square

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



51.5326, 0.2982, 0.3642



51.5326, 0.2603, 0.2918



51.5326, 0.3257, 0.2973



51.5326, 0.3677, 0.3636

Rectangle

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



51.5326, 0.2982, 0.3642



51.5326, 0.2638, 0.3209



51.5326, 0.3257, 0.2973



51.5326, 0.3641, 0.3336

Sweetspot

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



51.5348, 0.2982, 0.3642



96.6317, 0.3086, 0.3381



53.8771, 0.3311, 0.3845



20.6080, 0.3081, 0.3391



0.0000, 0.0000, 0.0000



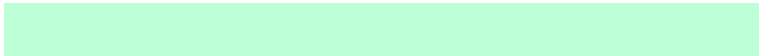
21.4041, 0.3127, 0.3290

Same Dimension

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



51.5348, 0.2982, 0.3642



87.2039, 0.2951, 0.3733



52.4183, 0.2842, 0.3355



11.9563, 0.3063, 0.3433



26.6425, 0.2812, 0.5322



1.2757, 0.2693, 0.4893

Inverse Universe

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



39.8011, 0.3306, 0.2963



63.1698, 0.3357, 0.2885



38.9915, 0.3508, 0.3226



10.7428, 0.3197, 0.3151



8.7009, 0.4508, 0.2257



0.4260, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 51.5326, 0.2982, 0.3642 looks on a white background.

Color Contrast Check

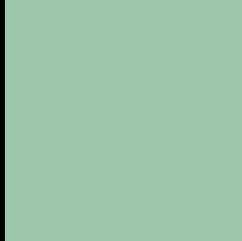
Large Text (above 18pt) WCAG AA × Fail

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 51.5326, 0.2982, 0.3642 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 51.5326, 0.2982, 0.3642

Background



This preview shows how black text looks on a background with the Yxy color 51.5326, 0.2982, 0.3642.



This preview shows how white text looks on a background with the Yxy color 51.5326, 0.2982, 0.3642.

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

51.5326, 0.2982, 0.3642

Protanopia

51.2281, 0.3368, 0.3554

Deuteranopia

51.0784, 0.3419, 0.3351



Tritanopia

51.5759, 0.2790, 0.3097

Trichromacy



Original Color

51.5326, 0.2982, 0.3642

Protanomaly

51.1095, 0.3219, 0.3588

Deuteranomaly

50.7760, 0.3245, 0.3442

Tritanomaly

51.5408, 0.2855, 0.3289

Monochromacy



Original Color

51.5326, 0.2982, 0.3642

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.1209, 0.3072, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.5326, 0.2982, 0.3642 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, 200, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 200, 174)  
}
```

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, 200, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 200, 174) }
```

Border

The CSS property to change the border of an element to Yxy 51.5326, 0.2982, 0.3642 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, 200, 174) }
```

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

```
.border{ border-color:rgb(157, 200, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 200, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 200, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 200, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 200,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 51.5326, 0.2982, 0.3642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 200, 174) }
```

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

```
.background{ background-color: rgb(157,  
200, 174) }
```

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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