

Converting Colors

$Yxy(51.4139, 0.3055, 0.3693)$

Have a look what the booklet for
Yxy(51.4139, 0.3055, 0.3693)
contains.

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Color

Yxy(51.3928, 0.3054, 0.3695)

Conversions

Conversions Part 1

Format	Color
Hex	A2C7A9
RGB	162, 199, 169
RGB Percent	64%, 78%, 66%
CMY	0.3649, 0.2195, 0.3372
CMYK	0.19, 0.00, 0.15, 0.22
HSL	131°, 25%, 71%
HSV	131°, 19%, 78%
XYZ	42.4773, 51.3928, 45.2173
YIQ	184.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

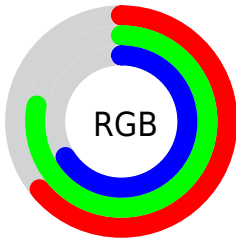
Format	Color
RYB	162, 193, 199
Decimal	10667945
CIELab	76.92, -18.23, 10.99
CIELCh	77, 21.281, 148.920
Yxy	51.3928, 0.3054, 0.3695
Android (android.graphics.Color)	4288858025 (0xFFA2C7A9)
YUV	184.5170, -7.6499, -19.7474
Hunter-Lab	71.6888, -19.6899, 12.7853

Details

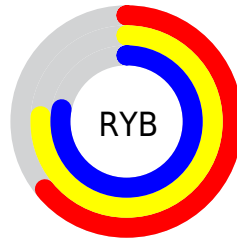
The Yxy color **51.3928, 0.3054, 0.3695** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.7712, 0.3210, 0.2916**, and the grayscale version is **48.2781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.6535, 0.3069, 0.3614**, and **24.8501, 0.3032, 0.3811** is the 20% darker color. If you saturate the color by 10%, you get **48.9054, 0.3016, 0.3950**, and if you desaturate by 10%, it is **54.2889, 0.3093, 0.3466**.

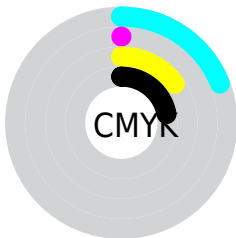
Distribution



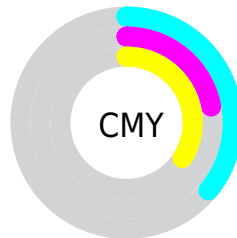
- Red (64%)
- Green (78%)
- Blue (66%)



- Red (64%)
- Yellow (76%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (15%)
- Black (22%)




- Cyan (36%)
- Magenta (22%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.3928, 0.3054, 0.3695 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 51.3928, 0.3054, 0.3695 by changing the saturation by 10% instead.


 51.3928, 0.3054,
0.3695

 51.3928, 0.3054,
0.3695


392.0880, 0.3093,
0.3490

 36.5213, 0.3044,
0.3747


 92.2351, 0.3069,
0.3620

 24.8371, 0.3030,
0.3814


 118.9748, 0.3074,
0.3592

 15.9557, 0.3011,
0.3903


150.4392, 0.3078,
0.3569

 9.4928, 0.2984,
0.4030

187.0129, 0.3082,
0.3548

 5.0640, 0.2940,
0.4222

229.0803, 0.3085,
0.3531

 2.2849, 0.2860,
0.4545

277.0256, 0.3088,

 0.7657, 0.2538,

0.3516

0.6872

331.2334, 0.3091,
0.3502

0.0000, 0.0000,
0.0000

51.3928, 0.3054,
0.3695

51.3928, 0.3054,
0.3695

48.9054, 0.3016,
0.3950

54.2889, 0.3093,
0.3466

46.8021, 0.2980,
0.4230

57.6043, 0.3132,
0.3264

45.0654, 0.2949,
0.4526

61.3571, 0.3170,
0.3087

43.6741, 0.2927,
0.4830

65.5626, 0.3206,
0.2933

42.6044, 0.2915,
0.5127

68.9898, 0.3191,
0.2792

■ 41.8300, 0.2915,
0.5399

■ 69.3343, 0.3153,
0.2742

■ 41.3197, 0.2927,
0.5628

■ 41.0257, 0.2948,
0.5802

■ 40.9934, 0.2951,
0.5822

Harmonies

Analogous

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



51.3928, 0.3342, 0.3802



51.3928, 0.3054, 0.3695



51.3928, 0.2794, 0.3463

Triad

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



51.3928, 0.3054, 0.3695



51.3928, 0.2684, 0.2832



51.3928, 0.3654, 0.3354

Complementary

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



51.3928, 0.3054, 0.3695



41.7712, 0.3210, 0.2916

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.



51.3928, 0.3461, 0.3118



51.3928, 0.3054, 0.3695



51.3928, 0.2897, 0.2825

Square

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



51.3928, 0.3054, 0.3695



51.3928, 0.2588, 0.2960



51.3928, 0.3181, 0.2928



51.3928, 0.3696, 0.3586

Rectangle

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



51.3928, 0.3054, 0.3695



51.3928, 0.2670, 0.3279



51.3928, 0.3181, 0.2928



51.3928, 0.3604, 0.3273

Sweetspot

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



51.3950, 0.3054, 0.3695



96.4404, 0.3103, 0.3412



54.6964, 0.3348, 0.3757



20.5629, 0.3101, 0.3426



0.0000, 0.0000, 0.0000



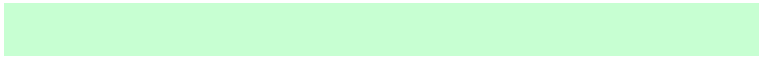
21.4041, 0.3127, 0.3290

Same Dimension

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



51.3950, 0.3054, 0.3695



88.2804, 0.3040, 0.3786



52.1301, 0.2928, 0.3444



11.9203, 0.3090, 0.3482



26.3647, 0.2945, 0.5803



1.2586, 0.2840, 0.5423

Inverse Universe

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



41.7712, 0.3210, 0.2916



68.6123, 0.3229, 0.2840



41.0108, 0.3376, 0.3141



10.7807, 0.3166, 0.3105



9.4776, 0.3752, 0.1841



0.4579, 0.3619, 0.1767

Previews

White Background



This preview shows how the Yxy color 51.3928, 0.3054, 0.3695 looks on a white background.

Color Contrast Check

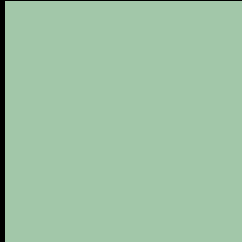
Large Text (above 18pt) WCAG AA × Fail

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 51.3928, 0.3054, 0.3695 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 51.3928, 0.3054, 0.3695

Background



This preview shows how black text looks on a background with the Yxy color 51.3928, 0.3054, 0.3695.



This preview shows how white text looks on a background with the Yxy color 51.3928, 0.3054, 0.3695.

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

51.3928, 0.3054, 0.3695

Protanopia

51.2176, 0.3409, 0.3604

Deuteranopia

51.1417, 0.3488, 0.3423



Tritanopia

51.1784, 0.2830, 0.3086

Trichromacy



Original Color

51.3928, 0.3054, 0.3695

Protanomaly

51.3322, 0.3275, 0.3638

Deuteranomaly

50.9376, 0.3318, 0.3517

Tritanomaly

51.0322, 0.2911, 0.3302

Monochromacy



Original Color

51.3928, 0.3054, 0.3695

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.4287, 0.3104, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3928, 0.3054, 0.3695 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(162, 199, 169)` looks like.

```
.text, #text, p{  
    color:rgb(162, 199, 169)  
}
```

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(162, 199, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 199, 169) }
```

Border

The CSS property to change the border of an element to Yxy 51.3928, 0.3054, 0.3695 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(162, 199, 169) }
```

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

```
.border{ border-color:rgb(162, 199, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 199, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 199, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 199, 169);  
box-shadow:4px 4px 4px 4px rgb(162, 199,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3928, 0.3054, 0.3695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 199, 169) }
```

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

```
.background{ background-color: rgb(162,  
199, 169) }
```

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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