

Converting Colors

$Yxy(52.0388, 0.3095, 0.3977)$

Have a look what the booklet for
Yxy(52.0388, 0.3095, 0.3977)
contains.

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Color

Yxy(51.9150, 0.3095, 0.3966)

Conversions

Conversions Part 1

Format	Color
Hex	9ACB9A
RGB	154, 203, 154
RGB Percent	60%, 80%, 60%
CMY	0.3962, 0.2039, 0.3959
CMYK	0.24, 0.00, 0.24, 0.20
HSL	120°, 32%, 70%
HSV	120°, 24%, 80%
XYZ	40.5136, 51.9150, 38.4716
YIQ	182.7630, -13.4750, -25.6270

Conversions

Conversions Part 2

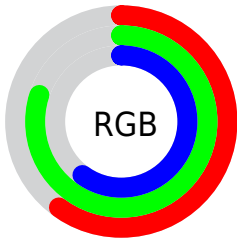
Format	Color
RYB	154, 203, 203
Decimal	10144666
CIELab	77.23, -25.56, 19.35
CIELCh	77, 32.060, 142.875
Yxy	51.9150, 0.3095, 0.3966
Android (android.graphics.Color)	4288334746 (0xFF9ACB9A)
YUV	182.7630, -14.1802, -25.2252
Hunter-Lab	72.0521, -25.7237, 18.7791

Details

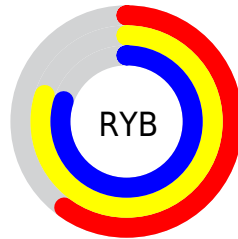
The Yxy color **51.9150, 0.3095, 0.3966** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1097, 0.3156, 0.2696**, and the grayscale version is **47.3016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6788, 0.3104, 0.3784**, and **25.2989, 0.3076, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **49.4715, 0.3079, 0.4300**, and if you desaturate by 10%, it is **54.8139, 0.3109, 0.3662**.

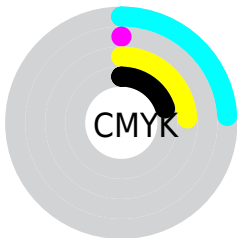
Distribution



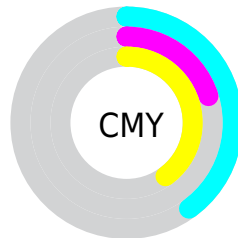
- Red (60%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (80%)



- Cyan (24%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (40%)
- Magenta (20%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9150, 0.3095, 0.3966 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 51.9150, 0.3095, 0.3966 by changing the saturation by 10% instead.


 51.9150, 0.3095,
0.3966

 51.9150, 0.3095,
0.3966


394.1084, 0.3118,
0.3621

 36.9373, 0.3087,
0.4054


 93.0059, 0.3105,
0.3839

 25.1590, 0.3076,
0.4169


 119.8879, 0.3108,
0.3792

 16.1955, 0.3058,
0.4323

151.5067, 0.3111,
0.3752

 9.6626, 0.3028,
0.4541

188.2469, 0.3113,
0.3718

 5.1758, 0.2975,
0.4872

230.4928, 0.3114,
0.3689

 2.3508, 0.2872,
0.5450

278.6287, 0.3116,

 0.8004, 0.1459,

0.3663

0.8541

333.0391, 0.3117,
0.3641

0.0000, 0.0000,
0.0000

51.9150, 0.3095,
0.3966

51.9150, 0.3095,
0.3966

49.4715, 0.3079,
0.4300

54.8139, 0.3109,
0.3662

47.4541, 0.3062,
0.4654

58.1826, 0.3122,
0.3392

45.8403, 0.3046,
0.5011

62.0431, 0.3134,
0.3156

44.6031, 0.3030,
0.5344

66.4140, 0.3143,
0.2953

43.7119, 0.3017,
0.5628

71.1954, 0.3151,
0.2782

■ 43.1316, 0.3007,
0.5836

■ 42.8194, 0.3002,
0.5958

■ 42.7159, 0.3000,
0.5999

Harmonies

Analogous

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



51.9150, 0.3520, 0.4070



51.9150, 0.3095, 0.3966



51.9150, 0.2697, 0.3634

Triad

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



51.9150, 0.3095, 0.3966



51.9150, 0.2431, 0.2636



51.9150, 0.3880, 0.3300

Complementary

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



51.9150, 0.3095, 0.3966



40.1097, 0.3156, 0.2696

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.



51.9150, 0.3549, 0.2971



51.9150, 0.3095, 0.3966



51.9150, 0.2707, 0.2599

Square

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



51.9150, 0.3095, 0.3966



51.9150, 0.2332, 0.2845



51.9150, 0.3112, 0.2721



51.9150, 0.3991, 0.3647

Rectangle

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



51.9150, 0.3095, 0.3966



51.9150, 0.2497, 0.3349



51.9150, 0.3112, 0.2721



51.9150, 0.3790, 0.3185

Sweetspot

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



51.9172, 0.3095, 0.3966



95.6748, 0.3119, 0.3468



57.7452, 0.3489, 0.3888



20.4027, 0.3118, 0.3484



0.0000, 0.0000, 0.0000



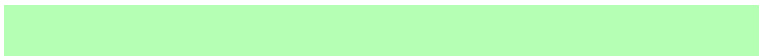
21.4041, 0.3127, 0.3290

Same Dimension

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



51.9172, 0.3095, 0.3966



84.6918, 0.3087, 0.4138



52.8171, 0.2931, 0.3620



12.5372, 0.3116, 0.3529



27.1821, 0.3000, 0.5999



1.4024, 0.2999, 0.5996

Inverse Universe

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



40.1097, 0.3156, 0.2696



61.5423, 0.3162, 0.2567



39.0346, 0.3382, 0.2982



11.4035, 0.3138, 0.3062



10.8166, 0.3212, 0.1543



0.5581, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 51.9150, 0.3095, 0.3966 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 51.9150, 0.3095, 0.3966 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 51.9150, 0.3095, 0.3966

Background



This preview shows how black text looks on a background with the Yxy color 51.9150, 0.3095, 0.3966.



This preview shows how white text looks on a background with the Yxy color 51.9150, 0.3095, 0.3966.

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

51.9150, 0.3095, 0.3966

Protanopia

51.6615, 0.3571, 0.3813

Deuteranopia

51.5512, 0.3662, 0.3588



Tritanopia

51.6259, 0.2784, 0.3085

Trichromacy



Original Color

51.9150, 0.3095, 0.3966

Protanomaly

51.5465, 0.3385, 0.3876

Deuteranomaly

50.9970, 0.3437, 0.3709

Tritanomaly

51.5795, 0.2895, 0.3395

Monochromacy



Original Color

51.9150, 0.3095, 0.3966

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.5761, 0.3116, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9150, 0.3095, 0.3966 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(154, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 154)  
}
```

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(154, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 154) }
```

Border

The CSS property to change the border of an element to Yxy 51.9150, 0.3095, 0.3966 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(154, 203, 154) }
```

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

```
.border{ border-color:rgb(154, 203, 154) }
```

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

Here you see how a box with a 4 pixel rgb(154, 203, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 203, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 203, 154);  
box-shadow:4px 4px 4px 4px rgb(154, 203,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9150, 0.3095, 0.3966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 203, 154) }
```

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

```
.background{ background-color: rgb(154,  
203, 154) }
```

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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