

Converting Colors

Yxy(51.6572, 0.3150, 0.4081)

Have a look what the booklet for
Yxy(51.6572, 0.3150, 0.4081)
contains.

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Color

Yxy(51.6572, 0.3150, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	9ACB92
RGB	154, 203, 146
RGB Percent	60%, 80%, 57%
CMY	0.3960, 0.2039, 0.4276
CMYK	0.24, 0.00, 0.28, 0.20
HSL	112°, 35%, 68%
HSV	112°, 28%, 80%
XYZ	39.8726, 51.6572, 35.0499
YIQ	181.8510, -10.9070, -28.1150

Conversions

Conversions Part 2

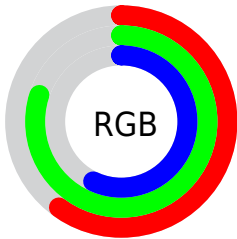
Format	Color
RYB	146, 203, 195
Decimal	10144658
CIELab	77.08, -26.89, 23.41
CIELCh	77, 35.650, 138.964
Yxy	51.6572, 0.3150, 0.4081
Android (android.graphics.Color)	4288334738 (0xFF9ACB92)
YUV	181.8510, -17.6745, -24.4253
Hunter-Lab	71.8729, -26.7520, 21.3974

Details

The Yxy color **51.6572, 0.3150, 0.4081** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.4541, 0.3083, 0.2581**, and the grayscale version is **46.7988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2454, 0.3154, 0.3884**, and **25.1459, 0.3146, 0.4324** is the 20% darker color. If you saturate the color by 10%, you get **49.4945, 0.3152, 0.4413**, and if you desaturate by 10%, it is **54.1849, 0.3144, 0.3773**.

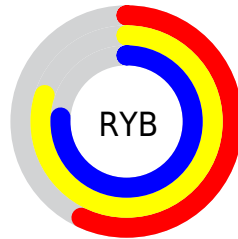
Distribution



Red (60%)

Green (80%)

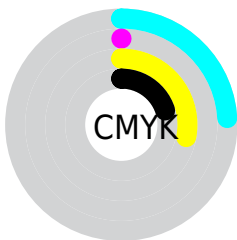
Blue (57%)



Red (57%)

Yellow (80%)

Blue (76%)

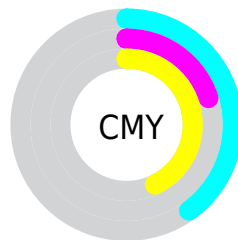


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (20%)



Cyan (40%)

Magenta (20%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6572, 0.3150, 0.4081 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 51.6572, 0.3150, 0.4081 by changing the saturation by 10% instead.


 51.6572, 0.3150,
0.4081

 51.6572, 0.3150,
0.4081

393.1118, 0.3148,
0.3676

 36.7319, 0.3147,
0.4185


 92.6255, 0.3152,
0.3932

 25.0000, 0.3141,
0.4320


 119.4373, 0.3152,
0.3876

 16.0770, 0.3130,
0.4501

150.9800, 0.3151,
0.3829

 9.5787, 0.3107,
0.4757

187.6381, 0.3151,
0.3790

 5.1205, 0.3057,
0.5144

229.7959, 0.3150,
0.3755

 2.3182, 0.3005,
0.5918

277.8379, 0.3150,

 0.7833, 0.1010,

0.3725

0.8990

332.1484, 0.3149,
0.3699

0.0000, 0.0000,
0.0000

51.6572, 0.3150,
0.4081

51.6572, 0.3150,
0.4081

49.4945, 0.3152,
0.4413

54.1849, 0.3144,
0.3773

47.6735, 0.3148,
0.4756

57.0865, 0.3135,
0.3493

46.1785, 0.3138,
0.5094

60.3787, 0.3125,
0.3245

44.9901, 0.3121,
0.5404

64.0754, 0.3114,
0.3027

44.0864, 0.3098,
0.5661

68.1897, 0.3102,
0.2837

■ 43.4429, 0.3070,
0.5846

■ 71.1921, 0.3151,
0.2782

■ 43.0279, 0.3041,
0.5955

■ 42.9689, 0.3037,
0.5971

Harmonies

Analogous

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



51.6572, 0.3616, 0.4154



51.6572, 0.3150, 0.4081



51.6572, 0.2699, 0.3733

Triad

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



51.6572, 0.3150, 0.4081



51.6572, 0.2333, 0.2584



51.6572, 0.3931, 0.3246

Complementary

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



51.6572, 0.3150, 0.4081



36.4541, 0.3083, 0.2581

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.



51.6572, 0.3535, 0.2894



51.6572, 0.3150, 0.4081



51.6572, 0.2611, 0.2522

Square

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



51.6572, 0.3150, 0.4081



51.6572, 0.2250, 0.2836



51.6572, 0.3044, 0.2637



51.6572, 0.4090, 0.3630

Rectangle

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



51.6572, 0.3150, 0.4081



51.6572, 0.2465, 0.3416



51.6572, 0.3044, 0.2637



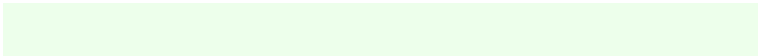
51.6572, 0.3819, 0.3122

Sweetspot

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



51.6594, 0.3150, 0.4081



95.5829, 0.3136, 0.3494



53.5533, 0.3574, 0.3890



20.2912, 0.3137, 0.3534



0.0000, 0.0000, 0.0000



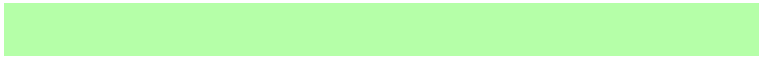
21.4041, 0.3127, 0.3290

Same Dimension

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



51.6594, 0.3150, 0.4081



84.1282, 0.3152, 0.4290



51.5709, 0.2957, 0.3805



12.6117, 0.3137, 0.3528



27.3689, 0.3042, 0.5967



1.4372, 0.3147, 0.5883

Inverse Universe

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



36.4541, 0.3083, 0.2581



54.3457, 0.3069, 0.2418



36.6653, 0.3350, 0.2826



11.3203, 0.3116, 0.3060



8.5235, 0.2857, 0.1348



0.4623, 0.2930, 0.1388

Previews

White Background



This preview shows how the Yxy color 51.6572, 0.3150, 0.4081 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 51.6572, 0.3150, 0.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

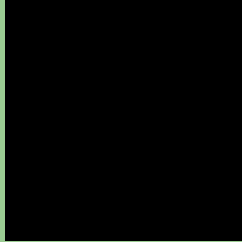
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 51.6572, 0.3150, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 51.6572, 0.3150, 0.4081.



This preview shows how white text looks on a background with the Yxy color 51.6572, 0.3150, 0.4081.

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

51.6572, 0.3150, 0.4081

Protanopia

51.1260, 0.3648, 0.3899

Deuteranopia

51.0301, 0.3744, 0.3670



Tritanopia

51.6827, 0.2797, 0.3098

Trichromacy



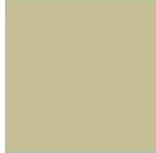
Original Color

51.6572, 0.3150, 0.4081



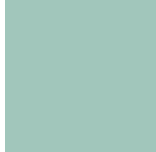
Protanomaly

50.9757, 0.3457, 0.3967



Deuteranomaly

50.8672, 0.3510, 0.3810



Tritanomaly

51.5531, 0.2923, 0.3435

Monochromacy



Original Color

51.6572, 0.3150, 0.4081



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.4621, 0.3138, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6572, 0.3150, 0.4081 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(154, 203, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 203, 146) }
```

Border

The CSS property to change the border of an element to Yxy 51.6572, 0.3150, 0.4081 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, 146) }
```

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

```
.border{ border-color:rgb(154, 203, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 203, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 203, 146);  
box-shadow:4px 4px 4px 4px rgb(154, 203,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6572, 0.3150, 0.4081 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, 146) }
```

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

```
.background{ background-color: rgb(154,  
203, 146) }
```

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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