

Converting Colors

Yxy(51.1425, 0.3053, 0.4085)

Have a look what the booklet for
Yxy(51.1425, 0.3053, 0.4085)
contains.

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Color

Yxy(51.1635, 0.3054, 0.4083)

Conversions

Conversions Part 1

Format	Color
Hex	8FCC94
RGB	143, 204, 148
RGB Percent	56%, 80%, 58%
CMY	0.4391, 0.2000, 0.4196
CMYK	0.30, 0.00, 0.27, 0.20
HSL	125°, 37%, 68%
HSV	125°, 30%, 80%
XYZ	38.2692, 51.1635, 35.8759
YIQ	179.3770, -18.3800, -30.3480

Conversions

Conversions Part 2

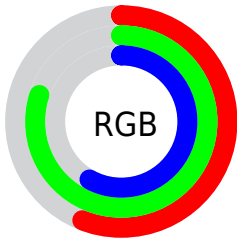
Format	Color
RYB	143, 199, 204
Decimal	9424020
CIELab	76.78, -30.69, 21.82
CIELCh	77, 37.663, 144.586
Yxy	51.1635, 0.3054, 0.4083
Android (android.graphics.Color)	4287614100 (0xFF8FCC94)
YUV	179.3770, -15.4689, -31.9026
Hunter-Lab	71.5287, -29.6741, 20.3326

Details

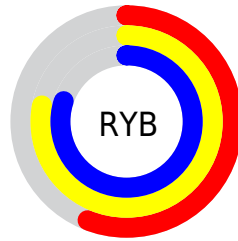
The Yxy color **51.1635, 0.3054, 0.4083** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.6149, 0.3208, 0.2608**, and the grayscale version is **45.3863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7900, 0.3076, 0.3873**, and **24.5316, 0.3015, 0.4319** is the 20% darker color. If you saturate the color by 10%, you get **48.9610, 0.3030, 0.4404**, and if you desaturate by 10%, it is **53.7974, 0.3079, 0.3787**.

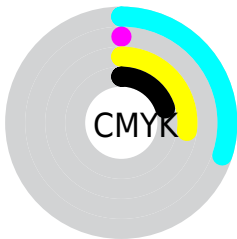
Distribution



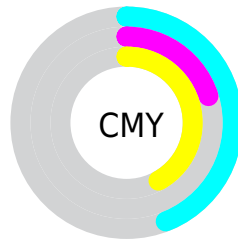
- Red (56%)
- Green (80%)
- Blue (58%)



- Red (56%)
- Yellow (78%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (27%)
- Black (20%)





- Cyan (44%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.1635, 0.3054, 0.4083 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 51.1635, 0.3054, 0.4083 by changing the saturation by 10% instead.


 51.1635, 0.3054,
0.4083


 51.1635, 0.3054,
0.4083

391.1987, 0.3100,
0.3674

 36.3387, 0.3039,
0.4189


 91.8964, 0.3073,
0.3932

 24.6959, 0.3019,
0.4326


 118.5733, 0.3079,
0.3876

 15.8507, 0.2988,
0.4512


149.9698, 0.3085,
0.3829

 9.4185, 0.2939,
0.4776

186.4702, 0.3089,
0.3789

 5.0152, 0.2851,
0.5180

228.4589, 0.3092,
0.3754

 2.2562, 0.2720,
0.5967

276.3202, 0.3095,


 0.7504, 0.0000,


0.3724


1.0000


330.4387, 0.3098,
0.3698


 0.0000, 0.0000,
0.0000

 51.1635, 0.3054,
0.4083

 51.1635, 0.3054,
0.4083


 48.9610, 0.3030,
0.4404


 53.7974, 0.3079,
0.3787


 47.1609, 0.3008,
0.4738


 56.8772, 0.3104,
0.3522


 45.7407, 0.2991,
0.5071

 60.4245, 0.3127,
0.3288

 44.6730, 0.2980,
0.5379

 64.4577, 0.3150,
0.3083

 43.9268, 0.2976,
0.5639

 68.9942, 0.3170,
0.2907

■ 43.4657, 0.2980,
0.5832

■ 71.6654, 0.3151,
0.2792

■ 43.2269, 0.2986,
0.5950

■ 43.2248, 0.2986,
0.5951

Harmonies

Analogous

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



51.1635, 0.3555, 0.4217



51.1635, 0.3054, 0.4083



51.1635, 0.2596, 0.3669

Triad

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



51.1635, 0.3054, 0.4083



51.1635, 0.2329, 0.2517



51.1635, 0.4033, 0.3316

Complementary

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



51.1635, 0.3054, 0.4083



36.6149, 0.3208, 0.2608

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.



51.1635, 0.3651, 0.2935



51.1635, 0.3054, 0.4083



51.1635, 0.2656, 0.2491

Square

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



51.1635, 0.3054, 0.4083



51.1635, 0.2202, 0.2742



51.1635, 0.3135, 0.2642



51.1635, 0.4145, 0.3718

Rectangle

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



51.1635, 0.3054, 0.4083



51.1635, 0.2372, 0.3325



51.1635, 0.3135, 0.2642



51.1635, 0.3931, 0.3184

Sweetspot

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



51.1657, 0.3054, 0.4083



94.6203, 0.3106, 0.3503



57.4397, 0.3540, 0.4039



20.0796, 0.3102, 0.3539



0.0000, 0.0000, 0.0000



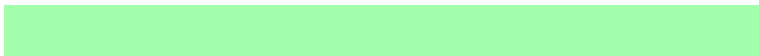
21.4041, 0.3127, 0.3290

Same Dimension

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



51.1657, 0.3054, 0.4083



82.2562, 0.3038, 0.4292



52.2249, 0.2862, 0.3653



12.5516, 0.3105, 0.3510



27.2121, 0.2983, 0.5940



1.4091, 0.2930, 0.5749

Inverse Universe

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



36.6149, 0.3208, 0.2608



54.2723, 0.3229, 0.2460



35.3718, 0.3504, 0.2956



11.3873, 0.3150, 0.3080



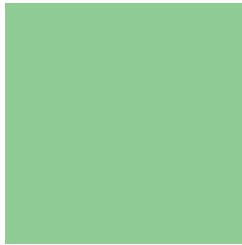
10.3543, 0.3424, 0.1660



0.5390, 0.3377, 0.1634

Previews

White Background



This preview shows how the Yxy color 51.1635, 0.3054, 0.4083 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 51.1635, 0.3054, 0.4083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

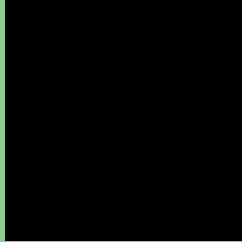
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.1635, 0.3054, 0.4083

Background



This preview shows how black text looks on a background with the Yxy color 51.1635, 0.3054, 0.4083.



This preview shows how white text looks on a background with the Yxy color 51.1635, 0.3054, 0.4083.

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

51.1635, 0.3054, 0.4083

Protanopia

50.8748, 0.3622, 0.3891

Deuteranopia

50.4077, 0.3703, 0.3625



Tritanopia

51.1516, 0.2723, 0.3095

Trichromacy



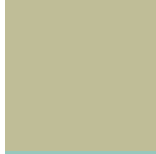
Original Color

51.1635, 0.3054, 0.4083



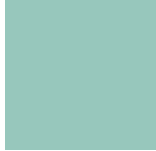
Protanomaly

50.4209, 0.3399, 0.3950



Deuteranomaly

49.7059, 0.3444, 0.3781



Tritanomaly

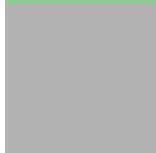
51.0570, 0.2846, 0.3438

Monochromacy



Original Color

51.1635, 0.3054, 0.4083



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

46.9006, 0.3098, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.1635, 0.3054, 0.4083 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(143, 204, 148)` looks like.

```
.text, #text, p{  
    color:rgb(143, 204, 148)  
}
```

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(143, 204, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 204, 148) }
```

Border

The CSS property to change the border of an element to Yxy 51.1635, 0.3054, 0.4083 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(143, 204, 148) }
```

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

```
.border{ border-color:rgb(143, 204, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 204, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 204, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 204, 148);  
box-shadow:4px 4px 4px 4px rgb(143, 204,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 51.1635, 0.3054, 0.4083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 204, 148) }
```

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

```
.background{ background-color: rgb(143,  
204, 148) }
```

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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