

Converting Colors

$Yxy(59.0179, 0.3020, 0.4078)$

Have a look what the booklet for
Yxy(59.0179, 0.3020, 0.4078)
contains.

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Color

Yxy(59.0356, 0.3023, 0.4081)

Conversions

Conversions Part 1

Format	Color
Hex	95DA9F
RGB	149, 218, 159
RGB Percent	58%, 85%, 62%
CMY	0.4155, 0.1451, 0.3764
CMYK	0.32, 0.00, 0.27, 0.15
HSL	129°, 48%, 72%
HSV	129°, 32%, 85%
XYZ	43.7306, 59.0356, 41.8934
YIQ	190.6430, -22.1850, -32.9770

Conversions

Conversions Part 2

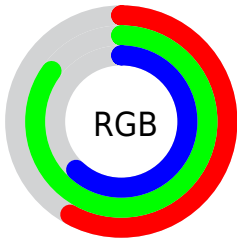
Format	Color
RYB	149, 209, 218
Decimal	9820831
CIELab	81.31, -33.45, 22.31
CIELCh	81, 40.206, 146.292
Yxy	59.0356, 0.3023, 0.4081
Android (android.graphics.Color)	4288010911 (0xFF95DA9F)
YUV	190.6430, -15.6000, -36.5209
Hunter-Lab	76.8346, -32.8669, 21.4569

Details

The Yxy color **59.0356, 0.3023, 0.4081** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.9708, 0.3253, 0.2611**, and the grayscale version is **51.9915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.3542, 0.3052, 0.3732**, and **29.7427, 0.2987, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **56.5756, 0.2993, 0.4385**, and if you desaturate by 10%, it is **61.9820, 0.3056, 0.3800**.

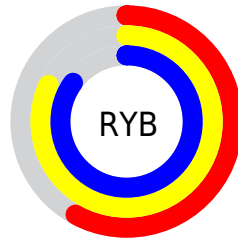
Distribution



Red (58%)

Green (85%)

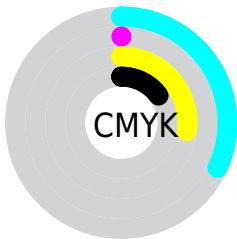
Blue (62%)



Red (58%)

Yellow (82%)

Blue (85%)

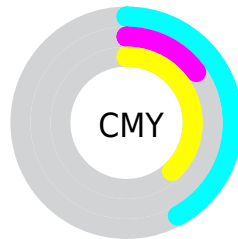


Cyan (32%)

Magenta (0%)

Yellow (27%)

Black (15%)



Cyan (42%)


Magenta (15%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0356, 0.3023, 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 59.0356, 0.3023, 0.4081 by changing the saturation by 10% instead.


 59.0356, 0.3023,
0.4081


 59.0356, 0.3023,
0.4081


421.0338, 0.3083,
0.3682

 42.6418, 0.3006,
0.4181


 103.4294, 0.3046,
0.3936

 29.6042, 0.2982,
0.4309


 132.1982, 0.3055,
0.3881

 19.5383, 0.2949,
0.4480


165.8607, 0.3062,
0.3835

 12.0599, 0.2898,
0.4718

204.8014, 0.3067,
0.3796

 6.7845, 0.2815,
0.5069

249.4047, 0.3072,
0.3762

 3.3277, 0.2660,
0.5632

300.0549, 0.3076,

 1.3051, 0.2226,

0.3732

0.7774

357.1365, 0.3080,
0.3706

■ 0.1452, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 59.0356, 0.3023,
0.4081

■ 59.0356, 0.3023,
0.4081

■ 56.5756, 0.2993,
0.4385

■ 61.9820, 0.3056,
0.3800

■ 54.5689, 0.2968,
0.4702


■ 65.4313, 0.3089,
0.3548

■ 52.9896, 0.2950,
0.5019

■ 69.4082, 0.3122,
0.3324


■ 51.8062, 0.2942,
0.5317


■ 73.9338, 0.3154,
0.3128

 50.9831, 0.2944,
0.5575

 78.4454, 0.3162,
0.2956

 50.4776, 0.2957,
0.5776

 78.6205, 0.3144,
0.2930

 50.2420, 0.2970,
0.5893

Harmonies

Analogous

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



59.0356, 0.3534, 0.4235



59.0356, 0.3023, 0.4081



59.0356, 0.2564, 0.3647

Triad

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



59.0356, 0.3023, 0.4081



59.0356, 0.2330, 0.2497



59.0356, 0.4064, 0.3339

Complementary

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



59.0356, 0.3023, 0.4081



40.9708, 0.3253, 0.2611

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.



59.0356, 0.3687, 0.2950



59.0356, 0.3023, 0.4081



59.0356, 0.2673, 0.2482

Square

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



59.0356, 0.3023, 0.4081



59.0356, 0.2189, 0.2714



59.0356, 0.3165, 0.2645



59.0356, 0.4160, 0.3746

Rectangle

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



59.0356, 0.3023, 0.4081



59.0356, 0.2344, 0.3295



59.0356, 0.3165, 0.2645



59.0356, 0.3965, 0.3204

Sweetspot

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



59.0381, 0.3023, 0.4081



94.7034, 0.3097, 0.3488



65.8385, 0.3530, 0.4096



20.0999, 0.3093, 0.3522



0.0000, 0.0000, 0.0000



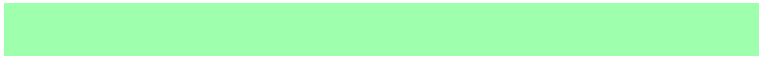
21.4041, 0.3127, 0.3290

Same Dimension

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



59.0381, 0.3023, 0.4081



81.7815, 0.3003, 0.4283



60.3722, 0.2820, 0.3617



14.6367, 0.3096, 0.3496



30.1112, 0.2966, 0.5876



1.9607, 0.2896, 0.5625

Inverse Universe

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



40.9708, 0.3253, 0.2611



52.0989, 0.3286, 0.2468



39.4838, 0.3582, 0.2988



13.2408, 0.3160, 0.3092



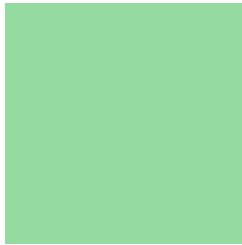
11.0793, 0.3609, 0.1762



0.7268, 0.3534, 0.1721

Previews

White Background



This preview shows how the Yxy color 59.0356, 0.3023, 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 59.0356, 0.3023, 0.4081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

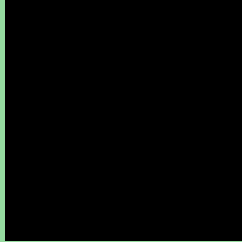
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0356, 0.3023, 0.4081

Background



This preview shows how black text looks on a background with the Yxy color 59.0356, 0.3023, 0.4081.

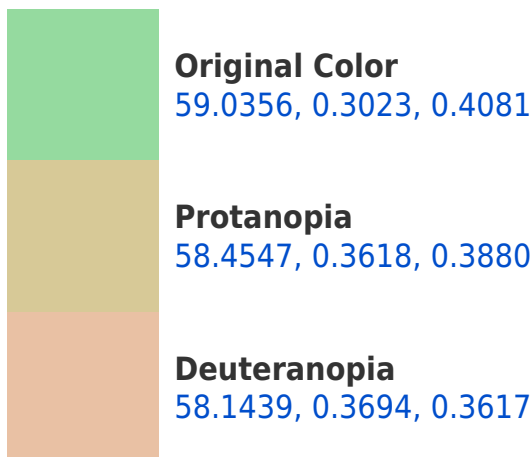


This preview shows how white text looks on a background with the Yxy color 59.0356, 0.3023, 0.4081.

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





Tritanopia

58.7733, 0.2696, 0.3081

Trichromacy



Original Color

59.0356, 0.3023, 0.4081



Protanomaly

58.0351, 0.3380, 0.3953



Deuteranomaly

57.4063, 0.3423, 0.3779



Tritanomaly

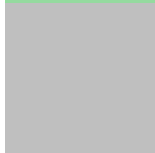
58.5193, 0.2809, 0.3417

Monochromacy



Original Color

59.0356, 0.3023, 0.4081



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

54.2581, 0.3091, 0.3574

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0356, 0.3023, 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(149, 218, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 218, 159)  
}
```

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(149, 218, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 218, 159) }
```

Border

The CSS property to change the border of an element to Yxy 59.0356, 0.3023, 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(149, 218, 159) }
```

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

```
.border{ border-color:rgb(149, 218, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 218, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(149, 218, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(149, 218, 159); box-shadow:4px 4px 4px 4px rgb(149, 218, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0356, 0.3023, 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(149, 218, 159) }
```

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

```
.background{ background-color: rgb(149,  
218, 159) }
```

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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