

Converting Colors

$Yxy(48.6419, 0.3074, 0.3951)$

Have a look what the booklet for
Yxy(48.6419, 0.3074, 0.3951)
contains.

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Color

Yxy(48.4628, 0.3074, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	94C597
RGB	148, 197, 151
RGB Percent	58%, 77%, 59%
CMY	0.4194, 0.2275, 0.4078
CMYK	0.25, 0.00, 0.23, 0.23
HSL	124°, 30%, 68%
HSV	124°, 25%, 77%
XYZ	37.7725, 48.4628, 36.6420
YIQ	177.1050, -14.4380, -24.6940

Conversions

Conversions Part 2

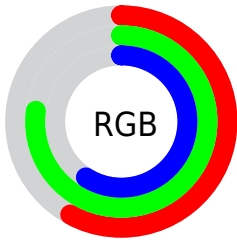
Format	Color
RYB	148, 194, 197
Decimal	9749911
CIELab	75.12, -25.14, 17.98
CIELCh	75, 30.906, 144.418
Yxy	48.4628, 0.3074, 0.3944
Android (android.graphics.Color)	4287939991 (0xFF94C597)
YUV	177.1050, -12.8698, -25.5251
Hunter-Lab	69.6152, -24.9745, 17.5233

Details

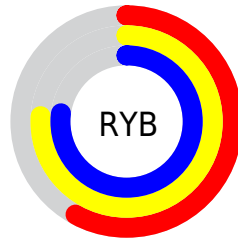
The Yxy color **48.4628, 0.3074, 0.3944** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **36.9641, 0.3183, 0.2713**, and the grayscale version is **44.1056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9879, 0.3090, 0.3824**, and **23.0518, 0.3047, 0.4145** is the 20% darker color. If you saturate the color by 10%, you get **46.2255, 0.3052, 0.4259**, and if you desaturate by 10%, it is **51.1113, 0.3096, 0.3657**.

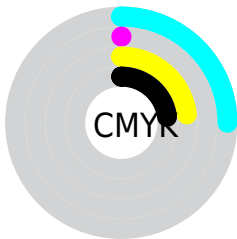
Distribution



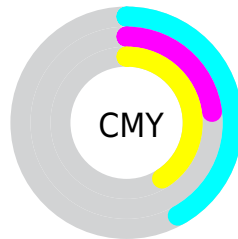
- Red (58%)
- Green (77%)
- Blue (59%)



- Red (58%)
- Yellow (76%)
- Blue (77%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (23%)





- Cyan (42%)
- Magenta (23%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4628, 0.3074, 0.3944 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 48.4628, 0.3074, 0.3944 by changing the saturation by 10% instead.


 48.4628, 0.3074,
0.3944

 48.4628, 0.3074,
0.3944


380.6236, 0.3107,
0.3606

 34.1935, 0.3064,
0.4032


 87.8931, 0.3088,
0.3819

 23.0423, 0.3049,
0.4146


 113.8229, 0.3092,
0.3773

 14.6248, 0.3026,
0.4302


144.4083, 0.3096,
0.3734

 8.5565, 0.2990,
0.4525

180.0337, 0.3099,
0.3701

 4.4530, 0.2926,
0.4870

221.0836, 0.3102,
0.3672

 1.9301, 0.2829,
0.5547

267.9423, 0.3104,

 0.5664, 0.0000,

0.3647

1.0000

320.9941, 0.3106,
0.3626

0.0000, 0.0000,
0.0000

48.4628, 0.3074,
0.3944

48.4628, 0.3074,
0.3944

46.2255, 0.3052,
0.4259

51.1113, 0.3096,
0.3657

44.3731, 0.3030,
0.4595

54.1836, 0.3117,
0.3402

42.8857, 0.3012,
0.4936

57.6995, 0.3137,
0.3179

41.7390, 0.2997,
0.5261

61.6757, 0.3155,
0.2985

40.9061, 0.2988,
0.5548

66.1278, 0.3172,
0.2818

■ 40.3558, 0.2986,
0.5771

■ 68.4092, 0.3154,
0.2722

■ 40.0504, 0.2989,
0.5918

■ 39.9554, 0.2990,
0.5965

Harmonies

Analogous

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



48.4628, 0.3495, 0.4060



48.4628, 0.3074, 0.3944



48.4628, 0.2685, 0.3608

Triad

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



48.4628, 0.3074, 0.3944



48.4628, 0.2450, 0.2638



48.4628, 0.3881, 0.3318

Complementary

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



48.4628, 0.3074, 0.3944



36.9641, 0.3183, 0.2713

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.



48.4628, 0.3564, 0.2990



48.4628, 0.3074, 0.3944



48.4628, 0.2731, 0.2610

Square

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



48.4628, 0.3074, 0.3944



48.4628, 0.2342, 0.2837



48.4628, 0.3135, 0.2738



48.4628, 0.3978, 0.3660

Rectangle

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



48.4628, 0.3074, 0.3944



48.4628, 0.2493, 0.3327



48.4628, 0.3135, 0.2738



48.4628, 0.3796, 0.3204

Sweetspot

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



48.4649, 0.3074, 0.3944



95.7366, 0.3113, 0.3457



53.6108, 0.3477, 0.3908



20.4169, 0.3111, 0.3472



0.0000, 0.0000, 0.0000



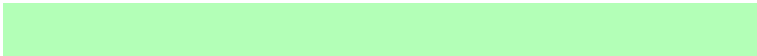
21.4041, 0.3127, 0.3290

Same Dimension

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



48.4649, 0.3074, 0.3944



84.4675, 0.3061, 0.4118



49.3244, 0.2910, 0.3595



11.8981, 0.3108, 0.3514



26.2870, 0.2988, 0.5956



1.2484, 0.2945, 0.5803

Inverse Universe

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



36.9641, 0.3183, 0.2713



60.2271, 0.3197, 0.2582



35.9722, 0.3415, 0.3005



10.8052, 0.3147, 0.3076



10.1200, 0.3365, 0.1627



0.4826, 0.3329, 0.1608

Previews

White Background



This preview shows how the Yxy color 48.4628, 0.3074, 0.3944 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 48.4628, 0.3074, 0.3944 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 48.4628, 0.3074, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 48.4628, 0.3074, 0.3944.



This preview shows how white text looks on a background with the Yxy color 48.4628, 0.3074, 0.3944.

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

48.4628, 0.3074, 0.3944

Protanopia

48.0611, 0.3551, 0.3791

Deuteranopia

47.8079, 0.3634, 0.3561



Tritanopia

48.5038, 0.2775, 0.3092

Trichromacy



Original Color

48.4628, 0.3074, 0.3944

Protanomaly

48.0855, 0.3370, 0.3853

Deuteranomaly

47.4329, 0.3413, 0.3683

Tritanomaly

48.5127, 0.2883, 0.3398

Monochromacy



Original Color

48.4628, 0.3074, 0.3944

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

45.2151, 0.3100, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4628, 0.3074, 0.3944 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(148, 197, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 151)  
}
```

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(148, 197, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 151) }
```

Border

The CSS property to change the border of an element to Yxy 48.4628, 0.3074, 0.3944 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(148, 197, 151) }
```

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

```
.border{ border-color:rgb(148, 197, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 197, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4628, 0.3074, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 151) }
```

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

```
.background{ background-color: rgb(148,  
197, 151) }
```

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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