

Converting Colors

$Yxy(50.9131, 0.3132, 0.4155)$

Have a look what the booklet for
Yxy(50.9131, 0.3132, 0.4155)
contains.

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Color

Yxy(50.9608, 0.3131, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	94CB8E
RGB	148, 203, 142
RGB Percent	58%, 80%, 56%
CMY	0.4195, 0.2039, 0.4430
CMYK	0.27, 0.00, 0.30, 0.20
HSL	114°, 37%, 68%
HSV	114°, 30%, 80%
XYZ	38.4570, 50.9608, 33.4089
YIQ	179.6010, -13.1990, -30.6310

Conversions

Conversions Part 2

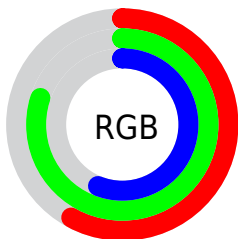
Format	Color
RYB	142, 203, 197
Decimal	9751438
CIELab	76.66, -29.56, 24.86
CIELCh	77, 38.623, 139.944
Yxy	50.9608, 0.3131, 0.4149
Android (android.graphics.Color)	4287941518 (0xFF94CB8E)
YUV	179.6010, -18.5373, -27.7141
Hunter-Lab	71.3868, -28.7666, 22.2232

Details

The Yxy color **50.9608, 0.3131, 0.4149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.5325, 0.3104, 0.2537**, and the grayscale version is **45.5288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2020, 0.3139, 0.3936**, and **24.6831, 0.3111, 0.4425** is the 20% darker color. If you saturate the color by 10%, you get **48.8335, 0.3126, 0.4488**, and if you desaturate by 10%, it is **53.4733, 0.3132, 0.3833**.

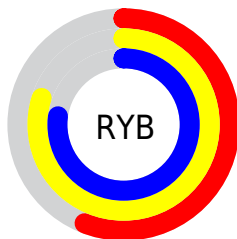
Distribution



Red (58%)

Green (80%)

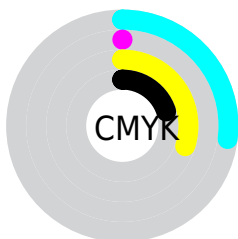
Blue (56%)



Red (56%)

Yellow (80%)

Blue (77%)

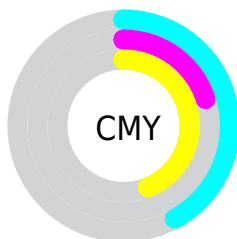


Cyan (27%)

Magenta (0%)

Yellow (30%)

Black (20%)



Cyan (42%)


Magenta (20%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9608, 0.3131, 0.4149 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 50.9608, 0.3131, 0.4149 by changing the saturation by 10% instead.


 50.9608, 0.3131,
0.4149


 50.9608, 0.3131,
0.4149


390.4115, 0.3140,
0.3706

 36.1774, 0.3125,
0.4263


 91.5968, 0.3137,
0.3985

 24.5712, 0.3114,
0.4412


 118.2183, 0.3139,
0.3925

 15.7579, 0.3096,
0.4612


149.5545, 0.3140,
0.3874

 9.3530, 0.3062,
0.4896

185.9899, 0.3140,
0.3830

 4.9721, 0.2992,
0.5326

227.9089, 0.3141,
0.3793

 2.2309, 0.2948,
0.6291

275.6959, 0.3141,

 0.7368, 0.0000,

0.3760

1.0000

329.7353, 0.3141,
0.3732

0.0000, 0.0000,
0.0000

50.9608, 0.3131,
0.4149

50.9608, 0.3131,
0.4149

48.8335, 0.3126,
0.4488

53.4733, 0.3132,
0.3833

47.0661, 0.3117,
0.4837

56.3817, 0.3131,
0.3546

45.6406, 0.3104,
0.5175

59.7047, 0.3127,
0.3291

44.5347, 0.3086,
0.5479

63.4575, 0.3122,
0.3068

43.7235, 0.3064,
0.5724

67.6549, 0.3117,
0.2874

■ 43.1782, 0.3041,
0.5890

■ 71.1901, 0.3151,
0.2782

■ 42.8590, 0.3021,
0.5983

Harmonies

Analogous

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



50.9608, 0.3639, 0.4234



50.9608, 0.3131, 0.4149



50.9608, 0.2646, 0.3758

Triad

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



50.9608, 0.3131, 0.4149



50.9608, 0.2275, 0.2519



50.9608, 0.4013, 0.3252

Complementary

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



50.9608, 0.3131, 0.4149



35.5325, 0.3104, 0.2537

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.



50.9608, 0.3587, 0.2873



50.9608, 0.3131, 0.4149



50.9608, 0.2580, 0.2463

Square

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



50.9608, 0.3131, 0.4149



50.9608, 0.2180, 0.2781



50.9608, 0.3052, 0.2592



50.9608, 0.4175, 0.3665

Rectangle

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



50.9608, 0.3131, 0.4149



50.9608, 0.2398, 0.3407



50.9608, 0.3052, 0.2592



50.9608, 0.3894, 0.3118

Sweetspot

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



50.9630, 0.3131, 0.4149



94.8945, 0.3130, 0.3521



54.5363, 0.3596, 0.3966



20.1464, 0.3131, 0.3561



0.0000, 0.0000, 0.0000



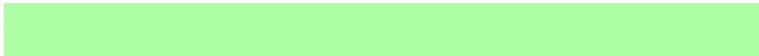
21.4041, 0.3127, 0.3290

Same Dimension

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



50.9630, 0.3131, 0.4149



82.9708, 0.3128, 0.4366



51.2312, 0.2927, 0.3802



12.5890, 0.3130, 0.3528



27.2948, 0.3026, 0.5980



1.4266, 0.3104, 0.5917

Inverse Universe

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



35.5325, 0.3104, 0.2537



53.0688, 0.3096, 0.2375



35.2875, 0.3400, 0.2830



11.3454, 0.3122, 0.3061



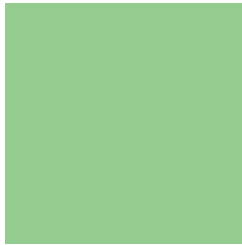
9.1718, 0.2964, 0.1407



0.4898, 0.3015, 0.1435

Previews

White Background



This preview shows how the Yxy color 50.9608, 0.3131, 0.4149 looks on a white background.

Color Contrast Check

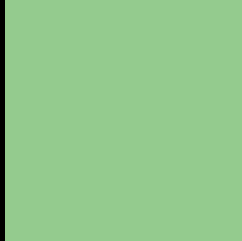
Large Text (above 18pt) WCAG AA × Fail

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 50.9608, 0.3131, 0.4149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

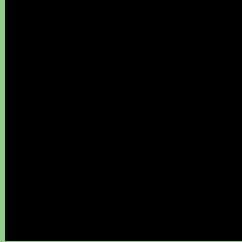
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9608, 0.3131, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 50.9608, 0.3131, 0.4149.



This preview shows how white text looks on a background with the Yxy color 50.9608, 0.3131, 0.4149.

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

50.9608, 0.3131, 0.4149

Protanopia

50.4405, 0.3675, 0.3939

Deuteranopia

50.5265, 0.3773, 0.3694



Tritanopia

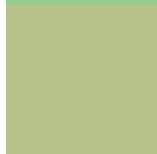
50.7103, 0.2761, 0.3083

Trichromacy



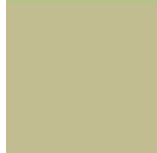
Original Color

50.9608, 0.3131, 0.4149



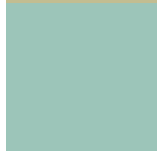
Protanomaly

50.0422, 0.3464, 0.4014



Deuteranomaly

49.9089, 0.3518, 0.3854



Tritanomaly

50.5032, 0.2900, 0.3451

Monochromacy



Original Color

50.9608, 0.3131, 0.4149



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

47.0444, 0.3130, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9608, 0.3131, 0.4149 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, 203, 142)` looks like.

```
.text, #text, p{  
    color:rgb(148, 203, 142)  
}
```

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, 203, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 203, 142) }
```

Border

The CSS property to change the border of an element to Yxy 50.9608, 0.3131, 0.4149 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, 203, 142) }
```

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

```
.border{ border-color:rgb(148, 203, 142) }
```

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

Here you see how a box with a 4 pixel rgb(148, 203, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 203, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 203, 142);  
box-shadow:4px 4px 4px 4px rgb(148, 203,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9608, 0.3131, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 203, 142) }
```

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

```
.background{ background-color: rgb(148,  
203, 142) }
```

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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