

Converting Colors

Yxy(54.2688, 0.3067, 0.4098)

Have a look what the booklet for
Yxy(54.2688, 0.3067, 0.4098)
contains.

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Color

Yxy(54.1312, 0.3068, 0.4091)

Conversions

Conversions Part 1

Format	Color
Hex	94D197
RGB	148, 209, 151
RGB Percent	58%, 82%, 59%
CMY	0.4197, 0.1804, 0.4078
CMYK	0.29, 0.00, 0.28, 0.18
HSL	123°, 40%, 70%
HSV	123°, 29%, 82%
XYZ	40.5951, 54.1312, 37.5915
YIQ	184.1490, -17.7380, -30.9700

Conversions

Conversions Part 2

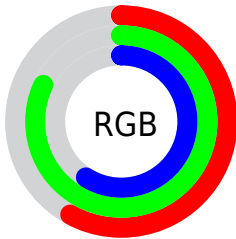
Format	Color
RYB	148, 206, 209
Decimal	9752983
CIELab	78.54, -30.95, 22.69
CIELCh	79, 38.376, 143.751
Yxy	54.1312, 0.3068, 0.4091
Android (android.graphics.Color)	4287943063 (0xFF94D197)
YUV	184.1490, -16.3425, -31.7027
Hunter-Lab	73.5739, -30.2653, 21.2084

Details

The Yxy color **54.1312, 0.3068, 0.4091** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **39.1804, 0.3188, 0.2602**, and the grayscale version is **48.1165, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.6243, 0.3089, 0.3834**, and **26.4642, 0.3034, 0.4322** is the 20% darker color. If you saturate the color by 10%, you get **51.7659, 0.3047, 0.4422**, and if you desaturate by 10%, it is **56.9616, 0.3089, 0.3786**.

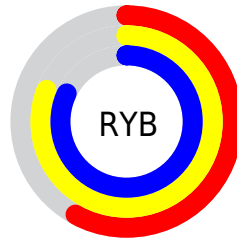
Distribution



Red (58%)

Green (82%)

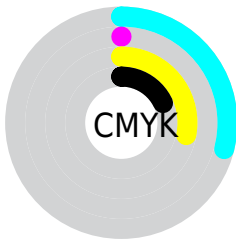
Blue (59%)



Red (58%)

Yellow (81%)

Blue (82%)

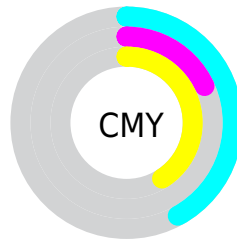


Cyan (29%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (42%)


Magenta (18%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.1312, 0.3068, 0.4091 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 54.1312, 0.3068, 0.4091 by changing the saturation by 10% instead.


 54.1312, 0.3068,
0.4091

 54.1312, 0.3068,
0.4091


402.6101, 0.3107,
0.3682

 38.7066, 0.3055,
0.4195

 96.2669, 0.3084,
0.3941

 26.5315, 0.3037,
0.4330


 123.7467, 0.3090,
0.3885

 17.2217, 0.3010,
0.4512


156.0137, 0.3094,
0.3838

 10.3927, 0.2967,
0.4767

193.4522, 0.3098,
0.3797

 5.6601, 0.2889,
0.5150

236.4468, 0.3101,
0.3763

 2.6395, 0.2750,
0.5821

285.3817, 0.3103,

 0.9466, 0.1312,

0.3732

0.8688

340.6413, 0.3105,
0.3706

0.0000, 0.0000,
0.0000

54.1312, 0.3068,
0.4091

54.1312, 0.3068,
0.4091

51.7659, 0.3047,
0.4422

56.9616, 0.3089,
0.3786

49.8345, 0.3027,
0.4766

60.2729, 0.3110,
0.3513

48.3125, 0.3010,
0.5106

64.0885, 0.3129,
0.3272

47.1706, 0.2998,
0.5418

68.4281, 0.3146,
0.3063

46.3750, 0.2991,
0.5677

73.3106, 0.3162,
0.2882

■ 45.8865, 0.2990,
0.5862

■ 74.0860, 0.3148,
0.2841

■ 45.6433, 0.2993,
0.5968

■ 45.6289, 0.2993,
0.5973

Harmonies

Analogous

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



54.1312, 0.3568, 0.4216



54.1312, 0.3068, 0.4091



54.1312, 0.2607, 0.3683

Triad

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



54.1312, 0.3068, 0.4091



54.1312, 0.2323, 0.2520



54.1312, 0.4026, 0.3305

Complementary

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



54.1312, 0.3068, 0.4091



39.1804, 0.3188, 0.2602

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.



54.1312, 0.3637, 0.2926



54.1312, 0.3068, 0.4091



54.1312, 0.2645, 0.2489

Square

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



54.1312, 0.3068, 0.4091



54.1312, 0.2202, 0.2751



54.1312, 0.3121, 0.2636



54.1312, 0.4146, 0.3708

Rectangle

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



54.1312, 0.3068, 0.4091



54.1312, 0.2380, 0.3339



54.1312, 0.3121, 0.2636



54.1312, 0.3921, 0.3173

Sweetspot

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



54.1335, 0.3068, 0.4091



94.5785, 0.3110, 0.3510



61.0049, 0.3548, 0.4018



20.0694, 0.3107, 0.3548



0.0000, 0.0000, 0.0000



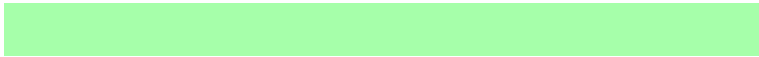
21.4041, 0.3127, 0.3290

Same Dimension

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



54.1335, 0.3068, 0.4091



82.5100, 0.3055, 0.4293



55.2154, 0.2880, 0.3672



13.2157, 0.3109, 0.3518



28.1346, 0.2990, 0.5965



1.5765, 0.2959, 0.5851

Inverse Universe

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



39.1804, 0.3188, 0.2602



55.3780, 0.3203, 0.2458



37.8785, 0.3473, 0.2939



11.9984, 0.3145, 0.3072



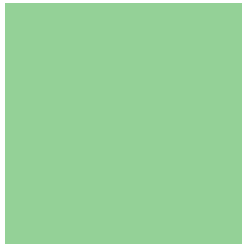
10.8924, 0.3337, 0.1612



0.6122, 0.3312, 0.1598

Previews

White Background



This preview shows how the Yxy color 54.1312, 0.3068, 0.4091 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 54.1312, 0.3068, 0.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

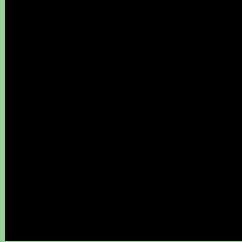
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.1312, 0.3068, 0.4091

Background



This preview shows how black text looks on a background with the Yxy color 54.1312, 0.3068, 0.4091.

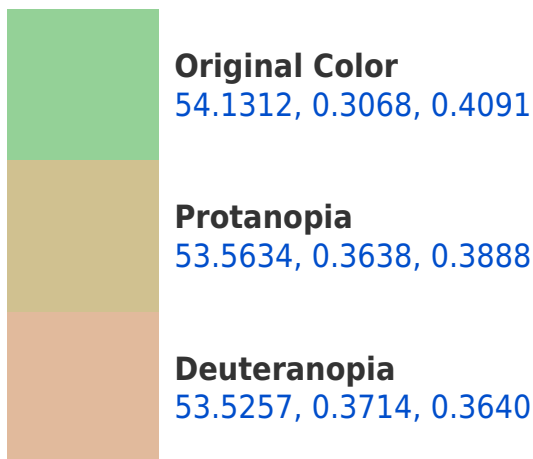


This preview shows how white text looks on a background with the Yxy color 54.1312, 0.3068, 0.4091.

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

54.2566, 0.2726, 0.3087

Trichromacy



Original Color

54.1312, 0.3068, 0.4091



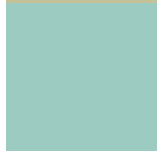
Protanomaly

53.3925, 0.3407, 0.3960



Deuteranomaly

52.7870, 0.3460, 0.3793



Tritanomaly

54.1039, 0.2852, 0.3434

Monochromacy



Original Color

54.1312, 0.3068, 0.4091



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

49.7764, 0.3106, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.1312, 0.3068, 0.4091 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, 209, 151)` looks like.

```
.text, #text, p{  
    color:rgb(148, 209, 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, 209, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 209, 151) }
```

Border

The CSS property to change the border of an element to Yxy 54.1312, 0.3068, 0.4091 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, 209, 151) }
```

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

```
.border{ border-color:rgb(148, 209, 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, 209, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 209, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 209, 151);  
box-shadow:4px 4px 4px 4px rgb(148, 209,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 54.1312, 0.3068, 0.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 209, 151) }
```

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

```
.background{ background-color: rgb(148,  
209, 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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