

Converting Colors

$Yxy(54.1231, 0.3024, 0.3973)$

Have a look what the booklet for
Yxy(54.1231, 0.3024, 0.3973)
contains.

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Color

Yxy(54.0045, 0.3024, 0.3963)

Conversions

Conversions Part 1

Format	Color
Hex	95D09F
RGB	149, 208, 159
RGB Percent	58%, 82%, 62%
CMY	0.4157, 0.1843, 0.3764
CMYK	0.28, 0.00, 0.24, 0.18
HSL	130°, 39%, 70%
HSV	130°, 28%, 82%
XYZ	41.2086, 54.0045, 41.0587
YIQ	184.7730, -19.4350, -27.7470

Conversions

Conversions Part 2

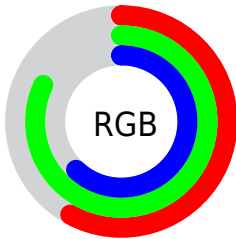
Format	Color
RYB	149, 199, 208
Decimal	9818271
CIELab	78.46, -28.74, 18.38
CIElCh	78, 34.116, 147.407
Yxy	54.0045, 0.3024, 0.3963
Android (android.graphics.Color)	4288008351 (0xFF95D09F)
YUV	184.7730, -12.7061, -31.3729
Hunter-Lab	73.4878, -28.5089, 18.3152

Details

The Yxy color **54.0045, 0.3024, 0.3963** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.9810, 0.3252, 0.2700**, and the grayscale version is **48.4642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2124, 0.3046, 0.3733**, and **26.3308, 0.2986, 0.4166** is the 20% darker color. If you saturate the color by 10%, you get **51.6636, 0.2990, 0.4250**, and if you desaturate by 10%, it is **56.7831, 0.3060, 0.3701**.

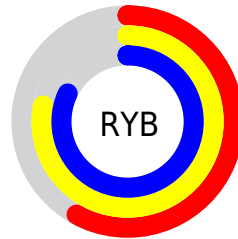
Distribution



Red (58%)

Green (82%)

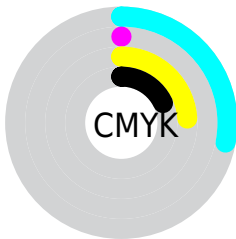
Blue (62%)



Red (58%)

Yellow (78%)

Blue (82%)

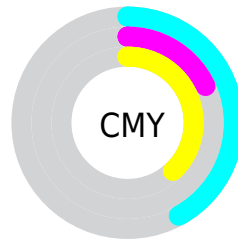


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (18%)



Cyan (42%)


Magenta (18%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0045, 0.3024, 0.3963 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 54.0045, 0.3024, 0.3963 by changing the saturation by 10% instead.


 54.0045, 0.3024,
0.3963

 54.0045, 0.3024,
0.3963


402.1272, 0.3082,
0.3621

 38.6053, 0.3008,
0.4050


 96.0809, 0.3046,
0.3837

 26.4528, 0.2986,
0.4163


 123.5268, 0.3054,
0.3791

 17.1627, 0.2955,
0.4314


155.7570, 0.3061,
0.3751

 10.3505, 0.2908,
0.4527

193.1560, 0.3066,
0.3717

 5.6320, 0.2831,
0.4849

236.1081, 0.3071,
0.3688

 2.6226, 0.2685,
0.5384

284.9977, 0.3075,

 0.9381, 0.1677,

0.3663

0.8323

340.2093, 0.3078,
0.3641

0.0000, 0.0000,
0.0000

54.0045, 0.3024,
0.3963

54.0045, 0.3024,
0.3963

51.6636, 0.2990,
0.4250

56.7831, 0.3060,
0.3701

49.7315, 0.2961,
0.4555

60.0130, 0.3097,
0.3465

48.1865, 0.2940,
0.4866

63.7158, 0.3133,
0.3258

47.0021, 0.2928,
0.5167

67.9093, 0.3168,
0.3077

46.1482, 0.2927,
0.5440

72.6108, 0.3201,
0.2920

■ 45.5901, 0.2938,
0.5667

■ 73.5938, 0.3149,
0.2831

■ 45.2765, 0.2958,
0.5834

■ 45.2370, 0.2960,
0.5856

Harmonies

Analogous

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



54.0045, 0.3473, 0.4112



54.0045, 0.3024, 0.3963



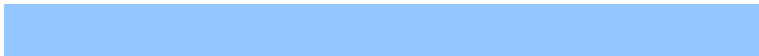
54.0045, 0.2621, 0.3585

Triad

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



54.0045, 0.3024, 0.3963



54.0045, 0.2431, 0.2587



54.0045, 0.3953, 0.3353

Complementary

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



54.0045, 0.3024, 0.3963



38.9810, 0.3252, 0.2700

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.



54.0045, 0.3633, 0.3003



54.0045, 0.3024, 0.3963



54.0045, 0.2743, 0.2577

Square

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



54.0045, 0.3024, 0.3963



54.0045, 0.2298, 0.2777



54.0045, 0.3181, 0.2727



54.0045, 0.4029, 0.3713

Rectangle

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



54.0045, 0.3024, 0.3963



54.0045, 0.2430, 0.3282



54.0045, 0.3181, 0.2727



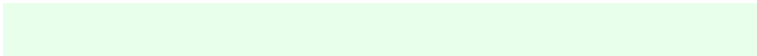
54.0045, 0.3869, 0.3232

Sweetspot

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



54.0068, 0.3024, 0.3963



94.7372, 0.3094, 0.3482



59.3125, 0.3472, 0.4013



20.1081, 0.3089, 0.3515



0.0000, 0.0000, 0.0000



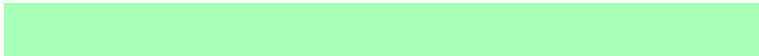
21.4041, 0.3127, 0.3290

Same Dimension

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



54.0068, 0.3024, 0.3963



83.2975, 0.3003, 0.4134



55.1484, 0.2837, 0.3551



13.2386, 0.3093, 0.3489



28.2028, 0.2955, 0.5839



1.5873, 0.2868, 0.5525

Inverse Universe

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



38.9810, 0.3252, 0.2700



55.6841, 0.3284, 0.2573



37.7564, 0.3540, 0.3045



11.9732, 0.3163, 0.3099



10.2432, 0.3687, 0.1805



0.5821, 0.3585, 0.1749

Previews

White Background



This preview shows how the Yxy color 54.0045, 0.3024, 0.3963 looks on a white background.

Color Contrast Check

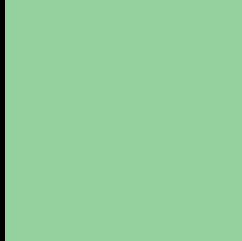
Large Text (above 18pt) WCAG AA × Fail

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 54.0045, 0.3024, 0.3963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

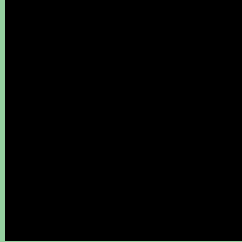
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.0045, 0.3024, 0.3963

Background



This preview shows how black text looks on a background with the Yxy color 54.0045, 0.3024, 0.3963.



This preview shows how white text looks on a background with the Yxy color 54.0045, 0.3024, 0.3963.

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

54.0045, 0.3024, 0.3963

Protanopia

53.5287, 0.3557, 0.3793

Deuteranopia

53.4861, 0.3628, 0.3548



Tritanopia

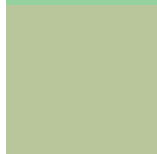
53.7400, 0.2731, 0.3086

Trichromacy



Original Color

54.0045, 0.3024, 0.3963



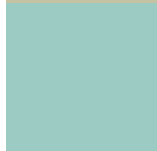
Protanomaly

53.0690, 0.3342, 0.3845



Deuteranomaly

52.9280, 0.3389, 0.3692



Tritanomaly

53.7199, 0.2838, 0.3394

Monochromacy



Original Color

54.0045, 0.3024, 0.3963



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.0452, 0.3085, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0045, 0.3024, 0.3963 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, 208, 159)` looks like.

```
.text, #text, p{  
    color:rgb(149, 208, 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, 208, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 208, 159) }
```

Border

The CSS property to change the border of an element to Yxy 54.0045, 0.3024, 0.3963 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, 208, 159) }
```

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

```
.border{ border-color:rgb(149, 208, 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, 208, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 208, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 208, 159);  
box-shadow:4px 4px 4px 4px rgb(149, 208,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0045, 0.3024, 0.3963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 208, 159) }
```

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

```
.background{ background-color: rgb(149,  
208, 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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