

Converting Colors

Yxy(54.1344, 0.3070, 0.4222)

Have a look what the booklet for
Yxy(54.1344, 0.3070, 0.4222)
contains.

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Color

Yxy(54.3529, 0.3069, 0.4225)

Conversions

Conversions Part 1

Format	Color
Hex	8ED390
RGB	142, 211, 144
RGB Percent	56%, 83%, 56%
CMY	0.4433, 0.1725, 0.4351
CMYK	0.33, 0.00, 0.32, 0.17
HSL	122°, 44%, 69%
HSV	122°, 33%, 83%
XYZ	39.4814, 54.3529, 34.8116
YIQ	182.7310, -19.6170, -35.4650

Conversions

Conversions Part 2

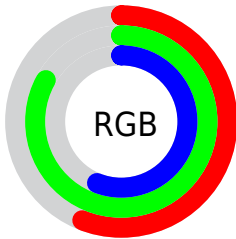
Format	Color
RYB	142, 209, 211
Decimal	9360272
CIELab	78.67, -34.98, 26.46
CIElCh	79, 43.861, 142.893
Yxy	54.3529, 0.3069, 0.4225
Android (android.graphics.Color)	4287550352 (0xFF8ED390)
YUV	182.7310, -19.0944, -35.7211
Hunter-Lab	73.7244, -33.4261, 23.6112

Details

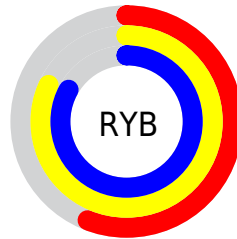
The Yxy color **54.3529, 0.3069, 0.4225** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.7857, 0.3184, 0.2505**, and the grayscale version is **47.3121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6030, 0.3098, 0.3919**, and **26.6911, 0.3036, 0.4506** is the 20% darker color. If you saturate the color by 10%, you get **52.0923, 0.3050, 0.4569**, and if you desaturate by 10%, it is **57.0848, 0.3088, 0.3903**.

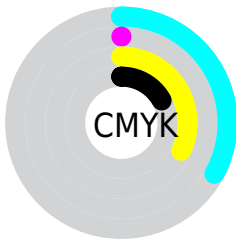
Distribution



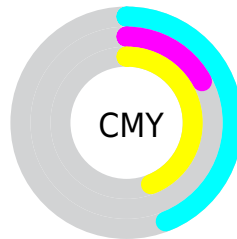
- Red (56%)
- Green (83%)
- Blue (56%)



- Red (56%)
- Yellow (82%)
- Blue (83%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (17%)





- Cyan (44%)
- Magenta (17%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.3529, 0.3069, 0.4225 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 54.3529, 0.3069, 0.4225 by changing the saturation by 10% instead.


 54.3529, 0.3069,
0.4225


 54.3529, 0.3069,
0.4225


403.4543, 0.3111,
0.3745

 38.8839, 0.3054,
0.4348

 96.5922, 0.3087,
0.4048

 26.6694, 0.3033,
0.4507


 124.1313, 0.3093,
0.3983

 17.3251, 0.3000,
0.4720


156.4625, 0.3098,
0.3927

 10.4665, 0.2946,
0.5020

193.9702, 0.3102,
0.3880

 5.7094, 0.2848,
0.5468

237.0389, 0.3105,
0.3840

 2.6692, 0.2708,
0.6341

286.0528, 0.3107,

 0.9616, 0.0569,

0.3804

0.9431

341.3965, 0.3109,
0.3773

0.0000, 0.0000,
0.0000

54.3529, 0.3069,
0.4225

54.3529, 0.3069,
0.4225

52.0923, 0.3050,
0.4569

57.0848, 0.3088,
0.3903

50.2699, 0.3032,
0.4920

60.3052, 0.3106,
0.3612

48.8595, 0.3016,
0.5256

64.0389, 0.3123,
0.3354

47.8288, 0.3005,
0.5551

68.3068, 0.3138,
0.3130

47.1411, 0.2998,
0.5779

73.1289, 0.3152,
0.2936

■ 46.7523, 0.2996,
0.5926

■ 75.0726, 0.3147,
0.2861

■ 46.6065, 0.2996,
0.5984

Harmonies

Analogous

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



54.3529, 0.3635, 0.4348



54.3529, 0.3069, 0.4225



54.3529, 0.2546, 0.3757

Triad

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



54.3529, 0.3069, 0.4225



54.3529, 0.2213, 0.2424



54.3529, 0.4146, 0.3286

Complementary

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



54.3529, 0.3069, 0.4225



37.7857, 0.3184, 0.2505

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.



54.3529, 0.3692, 0.2866



54.3529, 0.3069, 0.4225



54.3529, 0.2566, 0.2387

Square

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



54.3529, 0.3069, 0.4225



54.3529, 0.2086, 0.2683



54.3529, 0.3099, 0.2548



54.3529, 0.4289, 0.3737

Rectangle

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



54.3529, 0.3069, 0.4225



54.3529, 0.2289, 0.3357



54.3529, 0.3099, 0.2548



54.3529, 0.4023, 0.3139

Sweetspot

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



54.3552, 0.3069, 0.4225



93.9886, 0.3111, 0.3541



62.2253, 0.3608, 0.4103



19.9507, 0.3108, 0.3580



0.0000, 0.0000, 0.0000



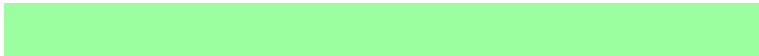
21.4041, 0.3127, 0.3290

Same Dimension

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



54.3552, 0.3069, 0.4225



81.0304, 0.3056, 0.4454



55.5401, 0.2860, 0.3743



13.2120, 0.3112, 0.3523



28.1273, 0.2994, 0.5979



1.5748, 0.2975, 0.5909

Inverse Universe

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



37.7857, 0.3184, 0.2505



51.9150, 0.3197, 0.2350



36.2940, 0.3516, 0.2880



12.0027, 0.3142, 0.3068



11.0107, 0.3285, 0.1583



0.6176, 0.3270, 0.1575

Previews

White Background



This preview shows how the Yxy color 54.3529, 0.3069, 0.4225 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 54.3529, 0.3069, 0.4225 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 54.3529, 0.3069, 0.4225

Background



This preview shows how black text looks on a background with the Yxy color 54.3529, 0.3069, 0.4225.



This preview shows how white text looks on a background with the Yxy color 54.3529, 0.3069, 0.4225.

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

54.3529, 0.3069, 0.4225

Protanopia

53.9450, 0.3698, 0.3982

Deuteranopia

53.6507, 0.3783, 0.3707



Tritanopia

54.3709, 0.2695, 0.3086

Trichromacy



Original Color

54.3529, 0.3069, 0.4225



Protanomaly

53.5163, 0.3448, 0.4065



Deuteranomaly

52.9041, 0.3495, 0.3883



Tritanomaly

54.0035, 0.2831, 0.3475

Monochromacy



Original Color

54.3529, 0.3069, 0.4225



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.3293, 0.3104, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.3529, 0.3069, 0.4225 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(142, 211, 144)` looks like.

```
.text, #text, p{  
    color:rgb(142, 211, 144)  
}
```

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(142, 211, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 211, 144) }
```

Border

The CSS property to change the border of an element to Yxy 54.3529, 0.3069, 0.4225 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(142, 211, 144) }
```

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

```
.border{ border-color:rgb(142, 211, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 211, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 211, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 211, 144);  
box-shadow:4px 4px 4px 4px rgb(142, 211,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 54.3529, 0.3069, 0.4225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 211, 144) }
```

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

```
.background{ background-color: rgb(142,  
211, 144) }
```

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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