

Converting Colors

Yxy(54.2568, 0.3029, 0.4134)

Have a look what the booklet for
Yxy(54.2568, 0.3029, 0.4134)
contains.

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Color

Yxy(54.5413, 0.3032, 0.4139)

Conversions

Conversions Part 1

Format	Color
Hex	8ED396
RGB	142, 211, 150
RGB Percent	56%, 83%, 59%
CMY	0.4432, 0.1725, 0.4117
CMYK	0.33, 0.00, 0.29, 0.17
HSL	127°, 44%, 69%
HSV	127°, 33%, 83%
XYZ	39.9539, 54.5413, 37.2789
YIQ	183.4150, -21.5430, -33.5990

Conversions

Conversions Part 2

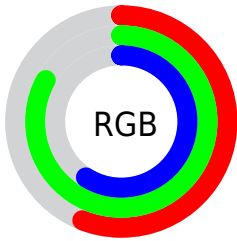
Format	Color
RYB	142, 204, 211
Decimal	9360278
CIELab	78.78, -33.97, 23.49
CIElCh	79, 41.301, 145.332
Yxy	54.5413, 0.3032, 0.4139
Android (android.graphics.Color)	4287550358 (0xFF8ED396)
YUV	183.4150, -16.4736, -36.3210
Hunter-Lab	73.8521, -32.6728, 21.7682

Details

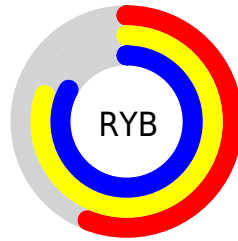
The Yxy color **54.5413, 0.3032, 0.4139** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.5046, 0.3239, 0.2568**, and the grayscale version is **47.6952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7500, 0.3059, 0.3852**, and **26.8016, 0.2990, 0.4388** is the 20% darker color. If you saturate the color by 10%, you get **52.2968, 0.3005, 0.4454**, and if you desaturate by 10%, it is **57.2393, 0.3061, 0.3847**.

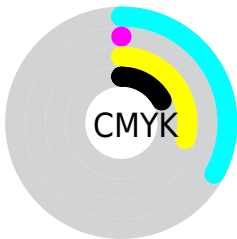
Distribution



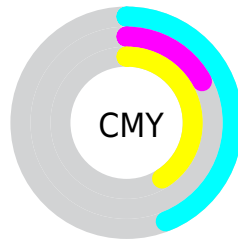
- Red (56%)
- Green (83%)
- Blue (59%)



- Red (56%)
- Yellow (80%)
- Blue (83%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (17%)





- Cyan (44%)
- Magenta (17%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.5413, 0.3032, 0.4139 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 54.5413, 0.3032, 0.4139 by changing the saturation by 10% instead.


 54.5413, 0.3032,
0.4139


 54.5413, 0.3032,
0.4139


404.1708, 0.3090,
0.3705

 39.0346, 0.3014,
0.4250

 96.8686, 0.3055,
0.3979

 26.7866, 0.2990,
0.4394


 124.4579, 0.3063,
0.3920

 17.4130, 0.2954,
0.4587


156.8436, 0.3070,
0.3870

 10.5294, 0.2898,
0.4859

194.4100, 0.3075,
0.3827

 5.7514, 0.2801,
0.5268

237.5415, 0.3080,
0.3790

 2.6945, 0.2633,
0.5988

286.6226, 0.3084,

 0.9744, 0.0882,

0.3758

0.9118

342.0375, 0.3087,
0.3730

0.0000, 0.0000,
0.0000

54.5413, 0.3032,
0.4139

54.5413, 0.3032,
0.4139

52.2968, 0.3005,
0.4454

57.2393, 0.3061,
0.3847

50.4744, 0.2983,
0.4780

60.4065, 0.3091,
0.3582

49.0495, 0.2966,
0.5102

64.0663, 0.3120,
0.3348

47.9922, 0.2958,
0.5398

68.2386, 0.3147,
0.3143

47.2682, 0.2960,
0.5647

72.9420, 0.3173,
0.2966

■ 46.8367, 0.2970,
0.5832

■ 75.0712, 0.3147,
0.2861

■ 46.6593, 0.2978,
0.5922

Harmonies

Analogous

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



54.5413, 0.3569, 0.4287



54.5413, 0.3032, 0.4139



54.5413, 0.2546, 0.3684

Triad

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



54.5413, 0.3032, 0.4139



54.5413, 0.2282, 0.2461



54.5413, 0.4108, 0.3325

Complementary

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



54.5413, 0.3032, 0.4139



37.5046, 0.3239, 0.2568

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.



54.5413, 0.3701, 0.2920



54.5413, 0.3032, 0.4139



54.5413, 0.2634, 0.2440

Square

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



54.5413, 0.3032, 0.4139



54.5413, 0.2142, 0.2692



54.5413, 0.3148, 0.2606



54.5413, 0.4217, 0.3752

Rectangle

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



54.5413, 0.3032, 0.4139



54.5413, 0.2313, 0.3310



54.5413, 0.3148, 0.2606



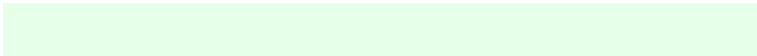
54.5413, 0.4000, 0.3183

Sweetspot

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



54.5436, 0.3032, 0.4139



94.1129, 0.3098, 0.3519



61.3960, 0.3561, 0.4117



19.9805, 0.3094, 0.3553



0.0000, 0.0000, 0.0000



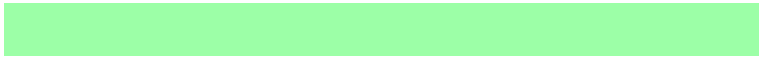
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5436, 0.3032, 0.4139



81.3369, 0.3014, 0.4349



55.7769, 0.2825, 0.3662



13.2283, 0.3100, 0.3502



28.1651, 0.2974, 0.5908



1.5825, 0.2907, 0.5665

Inverse Universe

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



37.5046, 0.3239, 0.2568



51.3843, 0.3267, 0.2423



36.0804, 0.3577, 0.2950



11.9844, 0.3155, 0.3087



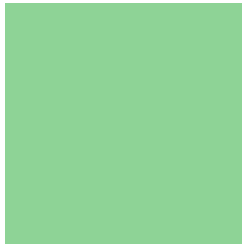
10.5197, 0.3523, 0.1715



0.5951, 0.3458, 0.1679

Previews

White Background



This preview shows how the Yxy color 54.5413, 0.3032, 0.4139 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 54.5413, 0.3032, 0.4139 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 54.5413, 0.3032, 0.4139

Background



This preview shows how black text looks on a background with the Yxy color 54.5413, 0.3032, 0.4139.



This preview shows how white text looks on a background with the Yxy color 54.5413, 0.3032, 0.4139.

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

54.5413, 0.3032, 0.4139

Protanopia

53.9465, 0.3650, 0.3924

Deuteranopia

53.6531, 0.3731, 0.3651



Tritanopia

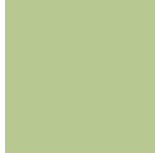
54.2716, 0.2689, 0.3086

Trichromacy



Original Color

54.5413, 0.3032, 0.4139



Protanomaly

53.5432, 0.3403, 0.4002



Deuteranomaly

52.9322, 0.3448, 0.3821



Tritanomaly

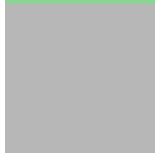
53.9969, 0.2812, 0.3448

Monochromacy



Original Color

54.5413, 0.3032, 0.4139



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

49.4050, 0.3089, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5413, 0.3032, 0.4139 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(142, 211, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 211, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.5413, 0.3032, 0.4139 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, 150) }
```

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

```
.border{ border-color:rgb(142, 211, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 211, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 211, 150);  
box-shadow:4px 4px 4px 4px rgb(142, 211,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5413, 0.3032, 0.4139 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, 150) }
```

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

```
.background{ background-color: rgb(142,  
211, 150) }
```

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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