

Converting Colors

Yxy(54.5829, 0.3148, 0.4076)

Have a look what the booklet for
Yxy(54.5829, 0.3148, 0.4076)
contains.

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Color

Yxy(54.5829, 0.3148, 0.4076)

Conversions

Conversions Part 1

Format	Color
Hex	9ED096
RGB	158, 208, 150
RGB Percent	62%, 82%, 59%
CMY	0.3806, 0.1843, 0.4117
CMYK	0.24, 0.00, 0.28, 0.18
HSL	112°, 38%, 70%
HSV	112°, 28%, 82%
XYZ	42.1558, 54.5829, 37.1742
YIQ	186.4380, -11.1820, -28.6380

Conversions

Conversions Part 2

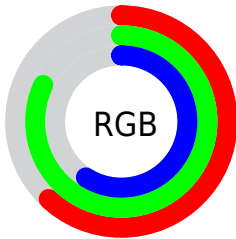
Format	Color
RYB	150, 208, 200
Decimal	10408086
CIELab	78.80, -27.31, 23.67
CIELCh	79, 36.140, 139.094
Yxy	54.5829, 0.3148, 0.4076
Android (android.graphics.Color)	4288598166 (0xFF9ED096)
YUV	186.4380, -17.9639, -24.9401
Hunter-Lab	73.8802, -27.4390, 21.8833

Details

The Yxy color **54.5829, 0.3148, 0.4076** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.6625, 0.3086, 0.2586**, and the grayscale version is **49.4659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1758, 0.3163, 0.3834**, and **26.6866, 0.3136, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **52.2844, 0.3149, 0.4408**, and if you desaturate by 10%, it is **57.2710, 0.3143, 0.3767**.

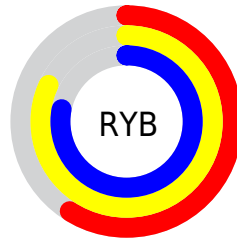
Distribution



Red (62%)

Green (82%)

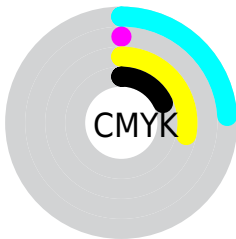
Blue (59%)



Red (59%)

Yellow (82%)

Blue (78%)

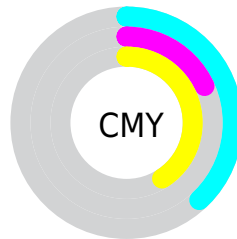


Cyan (24%)

Magenta (0%)

Yellow (28%)

Black (18%)



Cyan (38%)


Magenta (18%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5829, 0.3148, 0.4076 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 54.5829, 0.3148, 0.4076 by changing the saturation by 10% instead.


 54.5829, 0.3148,
0.4076


 54.5829, 0.3148,
0.4076


404.3289, 0.3147,
0.3677

 39.0679, 0.3145,
0.4177


 96.9296, 0.3150,
0.3930

 26.8125, 0.3139,
0.4308


 124.5300, 0.3150,
0.3875

 17.4325, 0.3128,
0.4482


156.9277, 0.3150,
0.3829

 10.5433, 0.3107,
0.4726

194.5071, 0.3150,
0.3790

 5.7607, 0.3061,
0.5089

237.6525, 0.3149,
0.3756

 2.7001, 0.2978,
0.5725

286.7483, 0.3148,

 0.9772, 0.2096,

0.3726

0.7904

342.1790, 0.3148,
0.3700

0.0000, 0.0000,
0.0000

54.5829, 0.3148,
0.4076

54.5829, 0.3148,
0.4076

52.2844, 0.3149,
0.4408

57.2710, 0.3143,
0.3767

50.3507, 0.3145,
0.4753

60.3583, 0.3135,
0.3488

48.7649, 0.3135,
0.5092

63.8628, 0.3125,
0.3240

47.5061, 0.3118,
0.5403

67.7992, 0.3114,
0.3022

46.5510, 0.3095,
0.5661

72.1817, 0.3103,
0.2833

■ 45.8732, 0.3067,
0.5847

■ 73.5981, 0.3149,
0.2831

■ 45.4393, 0.3039,
0.5955

■ 45.3717, 0.3034,
0.5973

Harmonies

Analogous

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



54.5829, 0.3612, 0.4151



54.5829, 0.3148, 0.4076



54.5829, 0.2699, 0.3729

Triad

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



54.5829, 0.3148, 0.4076



54.5829, 0.2337, 0.2586



54.5829, 0.3928, 0.3248

Complementary

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



54.5829, 0.3148, 0.4076



38.6625, 0.3086, 0.2586

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.



54.5829, 0.3535, 0.2897



54.5829, 0.3148, 0.4076



54.5829, 0.2615, 0.2526

Square

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



54.5829, 0.3148, 0.4076



54.5829, 0.2254, 0.2836



54.5829, 0.3047, 0.2640



54.5829, 0.4086, 0.3630

Rectangle

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



54.5829, 0.3148, 0.4076



54.5829, 0.2466, 0.3413



54.5829, 0.3047, 0.2640



54.5829, 0.3818, 0.3125

Sweetspot

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



54.5852, 0.3148, 0.4076



95.5672, 0.3135, 0.3494



56.6057, 0.3571, 0.3886



20.2873, 0.3136, 0.3534



0.0000, 0.0000, 0.0000



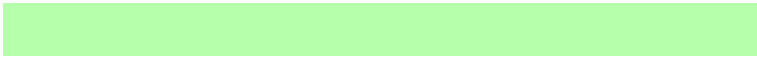
21.4041, 0.3127, 0.3290

Same Dimension

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



54.5852, 0.3148, 0.4076



84.4445, 0.3149, 0.4257



54.5180, 0.2958, 0.3801



13.2827, 0.3136, 0.3529



28.2988, 0.3040, 0.5968



1.6081, 0.3136, 0.5892

Inverse Universe

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



38.6625, 0.3086, 0.2586



55.4297, 0.3074, 0.2444



38.8484, 0.3348, 0.2829



11.9236, 0.3116, 0.3059



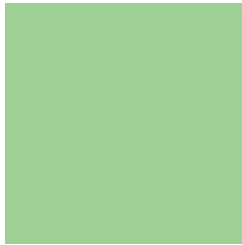
8.8821, 0.2868, 0.1354



0.5198, 0.2934, 0.1390

Previews

White Background



This preview shows how the Yxy color 54.5829, 0.3148, 0.4076 looks on a white background.

Color Contrast Check

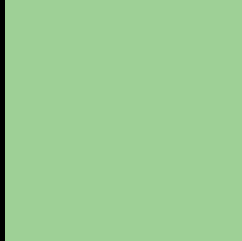
Large Text (above 18pt) WCAG AA × Fail

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 54.5829, 0.3148, 0.4076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

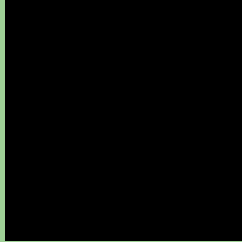
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 54.5829, 0.3148, 0.4076

Background



This preview shows how black text looks on a background with the Yxy color 54.5829, 0.3148, 0.4076.



This preview shows how white text looks on a background with the Yxy color 54.5829, 0.3148, 0.4076.

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

54.5829, 0.3148, 0.4076

Protanopia

54.1525, 0.3643, 0.3897

Deuteranopia

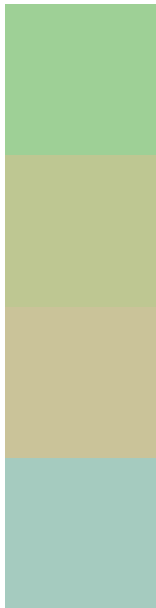
54.2381, 0.3737, 0.3661



Tritanopia

54.6499, 0.2797, 0.3102

Trichromacy



Original Color

54.5829, 0.3148, 0.4076

Protanomaly

53.8693, 0.3449, 0.3966

Deuteranomaly

53.8867, 0.3509, 0.3810

Tritanomaly

54.4728, 0.2927, 0.3445

Monochromacy



Original Color

54.5829, 0.3148, 0.4076

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

50.8308, 0.3138, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5829, 0.3148, 0.4076 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(158, 208, 150)` looks like.

```
.text, #text, p{  
    color:rgb(158, 208, 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(158, 208, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 208, 150) }
```

Border

The CSS property to change the border of an element to Yxy 54.5829, 0.3148, 0.4076 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(158, 208, 150) }
```

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

```
.border{ border-color:rgb(158, 208, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 208, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 208, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 208, 150);  
box-shadow:4px 4px 4px 4px rgb(158, 208,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5829, 0.3148, 0.4076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 208, 150) }
```

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

```
.background{ background-color: rgb(158,  
208, 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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