

Converting Colors

Yxy(62.5538, 0.3016, 0.3949)

Have a look what the booklet for
Yxy(62.5538, 0.3016, 0.3949)
contains.

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Color

Yxy(62.5538, 0.3016, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	9FDEAB
RGB	159, 222, 171
RGB Percent	62%, 87%, 67%
CMY	0.3763, 0.1294, 0.3295
CMYK	0.28, 0.00, 0.23, 0.13
HSL	131°, 49%, 75%
HSV	131°, 28%, 87%
XYZ	47.7747, 62.5538, 48.0757
YIQ	197.3490, -21.1770, -29.2170

Conversions

Conversions Part 2

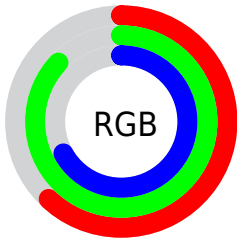
Format	Color
RYB	159, 212, 222
Decimal	10477227
CIELab	83.21, -30.07, 18.75
CIELCh	83, 35.436, 148.051
Yxy	62.5538, 0.3016, 0.3949
Android (android.graphics.Color)	4288667307 (0xFF9FDEAB)
YUV	197.3490, -12.9901, -33.6321
Hunter-Lab	79.0910, -30.5867, 19.3241

Details

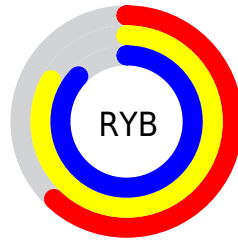
The Yxy color **62.5538, 0.3016, 0.3949** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.9958, 0.3263, 0.2711**, and the grayscale version is **56.1519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4581, 0.3046, 0.3594**, and **32.0335, 0.2978, 0.4131** is the 20% darker color. If you saturate the color by 10%, you get **59.8463, 0.2980, 0.4230**, and if you desaturate by 10%, it is **65.7675, 0.3055, 0.3692**.

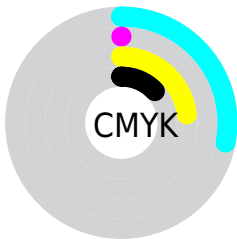
Distribution



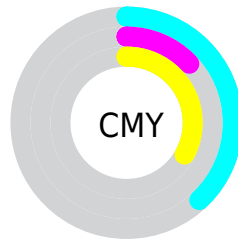
- Red (62%)
- Green (87%)
- Blue (67%)



- Red (62%)
- Yellow (83%)
- Blue (87%)



- Cyan (28%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)





- Cyan (38%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5538, 0.3016, 0.3949 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 62.5538, 0.3016, 0.3949 by changing the saturation by 10% instead.


 62.5538, 0.3016,
0.3949


 62.5538, 0.3016,
0.3949

433.9483, 0.3076,
0.3622

 45.4803, 0.3000,
0.4030


 108.5255, 0.3039,
0.3831

 31.8359, 0.2979,
0.4132


 138.1926, 0.3047,
0.3786

 21.2362, 0.2949,
0.4268


172.8263, 0.3054,
0.3749

 13.2968, 0.2907,
0.4455

212.8110, 0.3059,
0.3716

 7.6332, 0.2840,
0.4727

258.5312, 0.3064,
0.3688

 3.8612, 0.2723,
0.5158

310.3712, 0.3069,

 1.5962, 0.2589,

0.3663

0.6302

368.7155, 0.3072,
0.3642

0.3550, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.5538, 0.3016,
0.3949

62.5538, 0.3016,
0.3949

59.8463, 0.2980,
0.4230

65.7675, 0.3055,
0.3692

57.6117, 0.2950,
0.4529

69.5032, 0.3094,
0.3462

55.8245, 0.2927,
0.4836

73.7858, 0.3134,
0.3258

54.4541, 0.2915,
0.5134

78.6363, 0.3171,
0.3081

■ 53.4657, 0.2915,
0.5407

■ 80.7215, 0.3142,
0.2970

■ 52.8186, 0.2928,
0.5636

■ 52.4550, 0.2950,
0.5809

■ 52.4095, 0.2953,
0.5832

Harmonies

Analogous

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



62.5538, 0.3461, 0.4102



62.5538, 0.3016, 0.3949



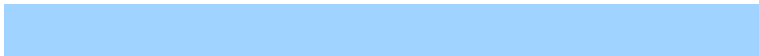
62.5538, 0.2620, 0.3572

Triad

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



62.5538, 0.3016, 0.3949



62.5538, 0.2443, 0.2592



62.5538, 0.3948, 0.3361

Complementary

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



62.5538, 0.3016, 0.3949



44.9958, 0.3263, 0.2711

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.



62.5538, 0.3636, 0.3013



62.5538, 0.3016, 0.3949



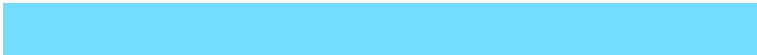
62.5538, 0.2756, 0.2585

Square

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



62.5538, 0.3016, 0.3949



62.5538, 0.2307, 0.2777



62.5538, 0.3190, 0.2737



62.5538, 0.4018, 0.3716

Rectangle

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



62.5538, 0.3016, 0.3949



62.5538, 0.2432, 0.3273



62.5538, 0.3190, 0.2737



62.5538, 0.3867, 0.3241

Sweetspot

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



62.5564, 0.3016, 0.3949



94.7638, 0.3092, 0.3477



68.5149, 0.3465, 0.4018



20.1146, 0.3086, 0.3509



0.0000, 0.0000, 0.0000



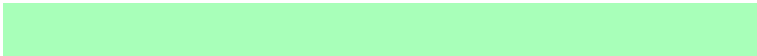
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5564, 0.3016, 0.3949



83.3699, 0.2994, 0.4112



63.8839, 0.2830, 0.3539



15.3795, 0.3090, 0.3485



31.1430, 0.2948, 0.5812



2.1710, 0.2872, 0.5538

Inverse Universe

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



44.9958, 0.3263, 0.2711



55.5817, 0.3298, 0.2589



43.5937, 0.3552, 0.3056



13.8887, 0.3167, 0.3102



11.1945, 0.3754, 0.1842



0.7876, 0.3655, 0.1787

Previews

White Background



This preview shows how the Yxy color 62.5538, 0.3016, 0.3949 looks on a white background.

Color Contrast Check

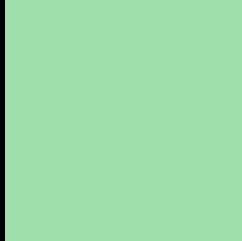
Large Text (above 18pt) WCAG AA × Fail

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 62.5538, 0.3016, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

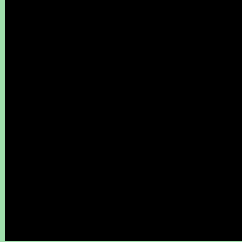
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

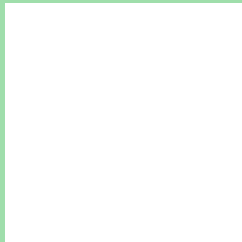
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5538, 0.3016, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 62.5538, 0.3016, 0.3949.

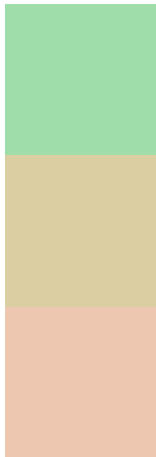


This preview shows how white text looks on a background with the Yxy color 62.5538, 0.3016, 0.3949.

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

62.5538, 0.3016, 0.3949

Protanopia

62.0026, 0.3554, 0.3786

Deuteranopia

61.9860, 0.3613, 0.3544



Tritanopia

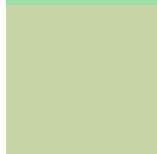
62.4087, 0.2722, 0.3086

Trichromacy



Original Color

62.5538, 0.3016, 0.3949



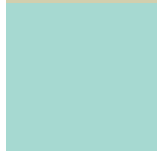
Protanomaly

61.8459, 0.3342, 0.3847



Deuteranomaly

61.2369, 0.3381, 0.3680



Tritanomaly

62.3361, 0.2829, 0.3388

Monochromacy



Original Color

62.5538, 0.3016, 0.3949



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.8407, 0.3079, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5538, 0.3016, 0.3949 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(159, 222, 171)` looks like.

```
.text, #text, p{  
  color:rgb(159, 222, 171)  
}
```

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(159, 222, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 222, 171) }
```

Border

The CSS property to change the border of an element to Yxy 62.5538, 0.3016, 0.3949 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(159, 222, 171) }
```

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

```
.border{ border-color:rgb(159, 222, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 222, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 222, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 222, 171);  
box-shadow:4px 4px 4px 4px rgb(159, 222,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5538, 0.3016, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 222, 171) }
```

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

```
.background{ background-color: rgb(159,  
222, 171) }
```

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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