

Converting Colors

$Yxy(62.5894, 0.3121, 0.3967)$

Have a look what the booklet for
Yxy(62.5894, 0.3121, 0.3967)
contains.

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Color

Yxy(62.5225, 0.3116, 0.3965)

Conversions

Conversions Part 1

Format	Color
Hex	AADCA7
RGB	170, 220, 167
RGB Percent	67%, 86%, 65%
CMY	0.3336, 0.1372, 0.3452
CMYK	0.23, 0.00, 0.24, 0.14
HSL	117°, 43%, 76%
HSV	117°, 24%, 86%
XYZ	49.1350, 62.5225, 46.0285
YIQ	199.0080, -12.7870, -27.0830

Conversions

Conversions Part 2

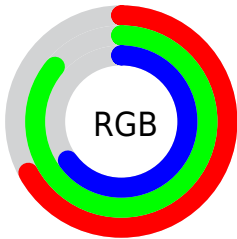
Format	Color
RYB	167, 220, 217
Decimal	11197607
CIELab	83.19, -26.26, 20.92
CIELCh	83, 33.571, 141.461
Yxy	62.5225, 0.3116, 0.3965
Android (android.graphics.Color)	4289387687 (0xFFAADCA7)
YUV	199.0080, -15.7799, -25.4400
Hunter-Lab	79.0712, -27.4543, 20.8362

Details

The Yxy color **62.5225, 0.3116, 0.3965** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.5605, 0.3130, 0.2688**, and the grayscale version is **57.2166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9627, 0.3136, 0.3630**, and **31.9300, 0.3104, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **59.6453, 0.3108, 0.4297**, and if you desaturate by 10%, it is **65.9093, 0.3122, 0.3662**.

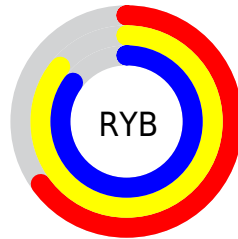
Distribution



Red (67%)

Green (86%)

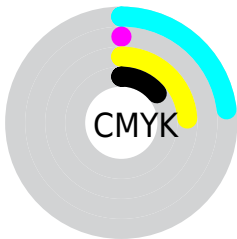
Blue (65%)



Red (65%)

Yellow (86%)

Blue (85%)

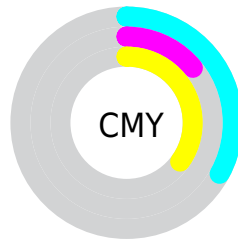


Cyan (23%)

Magenta (0%)

Yellow (24%)

Black (14%)



Cyan (33%)


Magenta (14%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.5225, 0.3116, 0.3965 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 62.5225, 0.3116, 0.3965 by changing the saturation by 10% instead.


 62.5225, 0.3116,
0.3965


 62.5225, 0.3116,
0.3965


433.8345, 0.3128,
0.3631

 45.4550, 0.3111,
0.4047


 108.4803, 0.3122,
0.3845

 31.8160, 0.3104,
0.4152


 138.1395, 0.3124,
0.3799

 21.2210, 0.3092,
0.4289

172.7646, 0.3125,
0.3760

 13.2856, 0.3072,
0.4478

212.7402, 0.3126,
0.3727

 7.6255, 0.3037,
0.4751

258.4506, 0.3127,
0.3698

 3.8563, 0.2965,
0.5179

310.2801, 0.3128,

 1.5935, 0.3026,

0.3673

0.6456

368.6133, 0.3128,
0.3651

0.3532, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.5225, 0.3116,
0.3965

62.5225, 0.3116,
0.3965

59.6453, 0.3108,
0.4297

65.9093, 0.3122,
0.3662

57.2455, 0.3096,
0.4648

69.8202, 0.3126,
0.3391

55.2996, 0.3083,
0.5001

74.2790, 0.3128,
0.3154

53.7791, 0.3066,
0.5333

79.3057, 0.3130,
0.2949

■ 52.6520, 0.3049,
0.5615

■ 79.6762, 0.3143,
0.2950

■ 51.8820, 0.3031,
0.5826

■ 51.4258, 0.3016,
0.5951

■ 51.2763, 0.3010,
0.5992

Harmonies

Analogous

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



62.5225, 0.3533, 0.4056



62.5225, 0.3116, 0.3965



62.5225, 0.2720, 0.3647

Triad

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



62.5225, 0.3116, 0.3965



62.5225, 0.2433, 0.2651



62.5225, 0.3857, 0.3284

Complementary

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



62.5225, 0.3116, 0.3965



47.5605, 0.3130, 0.2688

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.



62.5225, 0.3523, 0.2962



62.5225, 0.3116, 0.3965



62.5225, 0.2697, 0.2607

Square

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



62.5225, 0.3116, 0.3965



62.5225, 0.2344, 0.2866



62.5225, 0.3092, 0.2721



62.5225, 0.3978, 0.3627

Rectangle

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



62.5225, 0.3116, 0.3965



62.5225, 0.2518, 0.3368



62.5225, 0.3092, 0.2721



62.5225, 0.3765, 0.3171

Sweetspot

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



62.5252, 0.3116, 0.3965



95.8456, 0.3125, 0.3468



67.3675, 0.3498, 0.3852



20.4420, 0.3125, 0.3484



0.0000, 0.0000, 0.0000



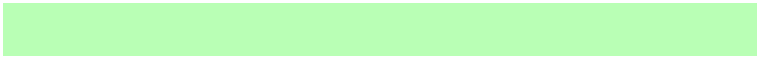
21.4041, 0.3127, 0.3290

Same Dimension

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



62.5252, 0.3116, 0.3965



85.1944, 0.3112, 0.4133



63.1260, 0.2952, 0.3667



14.6407, 0.3124, 0.3531



30.1032, 0.3013, 0.5990



1.9627, 0.3052, 0.5959

Inverse Universe

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



47.5605, 0.3130, 0.2688



60.7740, 0.3129, 0.2559



46.8828, 0.3352, 0.2942



13.2359, 0.3129, 0.3059



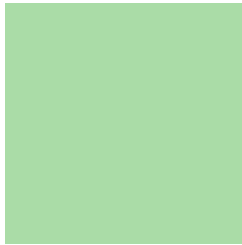
10.8961, 0.3071, 0.1465



0.7174, 0.3094, 0.1478

Previews

White Background



This preview shows how the Yxy color 62.5225, 0.3116, 0.3965 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 62.5225, 0.3116, 0.3965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

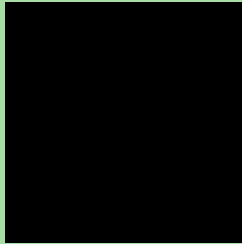
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

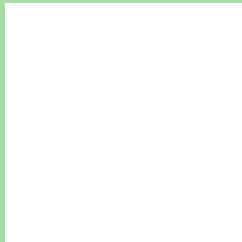
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 62.5225, 0.3116, 0.3965

Background



This preview shows how black text looks on a background with the Yxy color 62.5225, 0.3116, 0.3965.

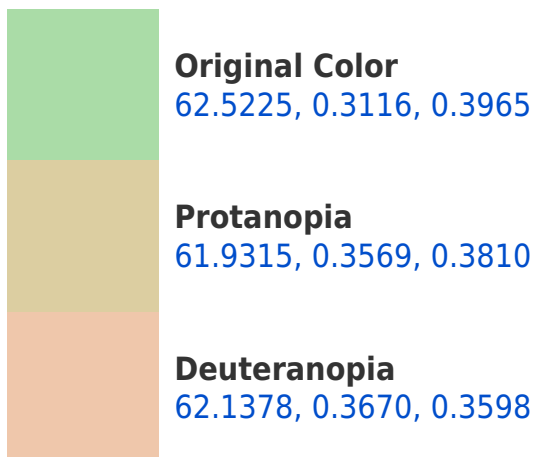


This preview shows how white text looks on a background with the Yxy color 62.5225, 0.3116, 0.3965.

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





Tritanopia

62.5679, 0.2802, 0.3089

Trichromacy



Original Color

62.5225, 0.3116, 0.3965

Protanomaly

61.7894, 0.3396, 0.3867

Deuteranomaly

61.8241, 0.3450, 0.3723

Tritanomaly

62.4042, 0.2918, 0.3399

Monochromacy



Original Color

62.5225, 0.3116, 0.3965

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.9049, 0.3123, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.5225, 0.3116, 0.3965 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(170, 220, 167)` looks like.

```
.text, #text, p{  
    color:rgb(170, 220, 167)  
}
```

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(170, 220, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 220, 167) }
```

Border

The CSS property to change the border of an element to Yxy 62.5225, 0.3116, 0.3965 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(170, 220, 167) }
```

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

```
.border{ border-color:rgb(170, 220, 167) }
```

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

Here you see how a box with a 4 pixel rgb(170, 220, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 220, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 220, 167);  
box-shadow:4px 4px 4px 4px rgb(170, 220,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 62.5225, 0.3116, 0.3965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 220, 167) }
```

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

```
.background{ background-color: rgb(170,  
220, 167) }
```

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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