

Converting Colors

$Yxy(62.7352, 0.3197, 0.3807)$

Have a look what the booklet for
Yxy(62.7352, 0.3197, 0.3807)
contains.

Yxy(62.7325, 0.3197, 0.3807)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7325, 0.3197, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	BBD8AE
RGB	187, 216, 174
RGB Percent	73%, 85%, 68%
CMY	0.2668, 0.1529, 0.3177
CMYK	0.13, 0.00, 0.19, 0.15
HSL	101°, 35%, 76%
HSV	101°, 19%, 85%
XYZ	52.6808, 62.7325, 49.3687
YIQ	202.5410, -3.8020, -19.2100

Conversions

Conversions Part 2

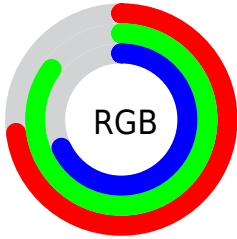
Format	Color
RYB	174, 216, 203
Decimal	12310702
CIELab	83.30, -17.31, 17.56
CIElCh	83, 24.657, 134.583
Yxy	62.7325, 0.3197, 0.3807
Android (android.graphics.Color)	4290500782 (0xFFBBD8AE)
YUV	202.5410, -14.0707, -13.6295
Hunter-Lab	79.2039, -19.8812, 18.4865

Details

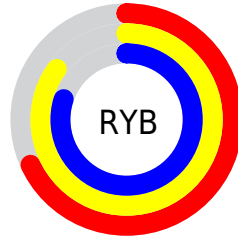
The Yxy color **62.7325, 0.3197, 0.3807** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.9281, 0.3041, 0.2793**, and the grayscale version is **59.5065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2879, 0.3197, 0.3538**, and **31.8568, 0.3210, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **60.1733, 0.3228, 0.4109**, and if you desaturate by 10%, it is **65.6285, 0.3162, 0.3529**.

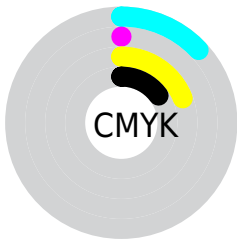
Distribution



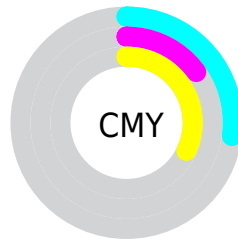
- Red (73%)
- Green (85%)
- Blue (68%)



- Red (68%)
- Yellow (85%)
- Blue (80%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)




- Cyan (27%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7325, 0.3197, 0.3807 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 62.7325, 0.3197, 0.3807 by changing the saturation by 10% instead.


 62.7325, 0.3197,
0.3807

 62.7325, 0.3197,
0.3807


434.5980, 0.3168,
0.3554

 45.6248, 0.3203,
0.3868


 108.7835, 0.3188,
0.3716

 31.9499, 0.3209,
0.3946

138.4956, 0.3184,
0.3682

 21.3232, 0.3217,
0.4048


173.1780, 0.3180,
0.3653

 13.3605, 0.3224,
0.4186

213.2151, 0.3177,
0.3628

 7.6772, 0.3230,
0.4385

258.9912, 0.3174,
0.3606

 3.8891, 0.3229,
0.4693

310.8909, 0.3172,

 1.6117, 0.3313,

0.3586

369.2983, 0.3170,
0.3569

0.5423

0.3655, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.7325, 0.3197,
0.3807

62.7325, 0.3197,
0.3807

60.1733, 0.3228,
0.4109

65.6285, 0.3162,
0.3529

57.9302, 0.3253,
0.4428

68.8649, 0.3125,
0.3277

55.9929, 0.3269,
0.4753

72.4555, 0.3088,
0.3052

54.3470, 0.3273,
0.5069

76.0586, 0.3087,
0.2904

■ 52.9770, 0.3262,
0.5356

■ 77.5999, 0.3145,
0.2911

■ 51.8658, 0.3235,
0.5595

■ 50.9939, 0.3194,
0.5770

■ 50.3332, 0.3145,
0.5882

■ 50.3019, 0.3143,
0.5887

Harmonies

Analogous

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



62.7325, 0.3494, 0.3841



62.7325, 0.3197, 0.3807



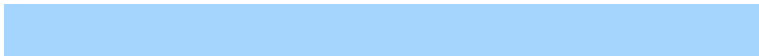
62.7325, 0.2892, 0.3611

Triad

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



62.7325, 0.3197, 0.3807



62.7325, 0.2581, 0.2844



62.7325, 0.3616, 0.3233

Complementary

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



62.7325, 0.3197, 0.3807



47.9281, 0.3041, 0.2793

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.



62.7325, 0.3350, 0.2997



62.7325, 0.3197, 0.3807



62.7325, 0.2755, 0.2776

Square

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



62.7325, 0.3197, 0.3807



62.7325, 0.2546, 0.3038



62.7325, 0.3033, 0.2833



62.7325, 0.3745, 0.3493

Rectangle

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



62.7325, 0.3197, 0.3807



62.7325, 0.2723, 0.3421



62.7325, 0.3033, 0.2833



62.7325, 0.3539, 0.3149

Sweetspot

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



62.7352, 0.3197, 0.3807



97.1023, 0.3150, 0.3440



60.2303, 0.3446, 0.3626



20.7188, 0.3152, 0.3457



0.0000, 0.0000, 0.0000



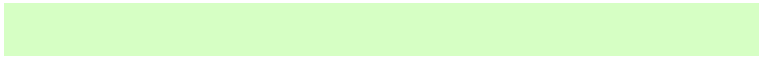
21.4041, 0.3127, 0.3290

Same Dimension

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



62.7352, 0.3197, 0.3807



89.8860, 0.3209, 0.3918



61.4818, 0.3052, 0.3722



14.0800, 0.3162, 0.3528



29.8190, 0.3152, 0.5879



1.8418, 0.3286, 0.5773

Inverse Universe

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



47.9281, 0.3041, 0.2793



64.8445, 0.3020, 0.2692



49.4377, 0.3212, 0.2894



12.4315, 0.3089, 0.3057



6.7939, 0.2446, 0.1121



0.4525, 0.2581, 0.1196

Previews

White Background



This preview shows how the Yxy color 62.7325, 0.3197, 0.3807 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 62.7325, 0.3197, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

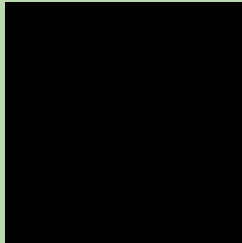
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.7325, 0.3197, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 62.7325, 0.3197, 0.3807.



This preview shows how white text looks on a background with the Yxy color 62.7325, 0.3197, 0.3807.

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

62.7325, 0.3197, 0.3807

Protanopia

62.5503, 0.3498, 0.3729

Deuteranopia

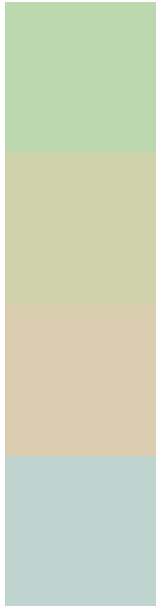
62.1983, 0.3613, 0.3533



Tritanopia

62.6940, 0.2913, 0.3093

Trichromacy



Original Color

62.7325, 0.3197, 0.3807

Protanomaly

62.2989, 0.3381, 0.3752

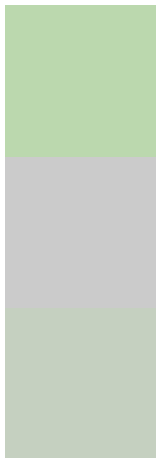
Deuteranomaly

61.8573, 0.3450, 0.3625

Tritanomaly

62.7984, 0.3015, 0.3349

Monochromacy



Original Color

62.7325, 0.3197, 0.3807

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.7878, 0.3156, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7325, 0.3197, 0.3807 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(187, 216, 174)` looks like.

```
.text, #text, p{  
    color:rgb(187, 216, 174)  
}
```

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(187, 216, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 216, 174) }
```

Border

The CSS property to change the border of an element to Yxy 62.7325, 0.3197, 0.3807 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(187, 216, 174) }
```

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

```
.border{ border-color:rgb(187, 216, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 216, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 216, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 216, 174);  
box-shadow:4px 4px 4px 4px rgb(187, 216,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7325, 0.3197, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 216, 174) }
```

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

```
.background{ background-color: rgb(187,  
216, 174) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor