

Converting Colors

Yxy(63.9786, 0.3193, 0.3885)

Have a look what the booklet for
Yxy(63.9786, 0.3193, 0.3885)
contains.

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Color

Yxy(63.7937, 0.3192, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	B8DBAB
RGB	184, 219, 171
RGB Percent	72%, 86%, 67%
CMY	0.2783, 0.1412, 0.3294
CMYK	0.16, 0.00, 0.22, 0.14
HSL	104°, 40%, 76%
HSV	104°, 22%, 86%
XYZ	52.4548, 63.7937, 48.0836
YIQ	203.0630, -5.4520, -22.3480

Conversions

Conversions Part 2

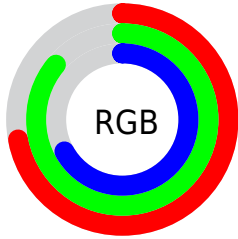
Format	Color
RYB	171, 219, 206
Decimal	12114859
CIELab	83.86, -20.30, 19.87
CIELCh	84, 28.401, 135.613
Yxy	63.7937, 0.3192, 0.3882
Android (android.graphics.Color)	4290304939 (0xFFB8DBAB)
YUV	203.0630, -15.8071, -16.7183
Hunter-Lab	79.8710, -22.5453, 20.2162

Details

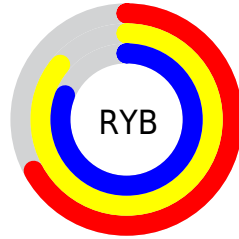
The Yxy color **63.7937, 0.3192, 0.3882** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.3661, 0.3043, 0.2729**, and the grayscale version is **59.8710, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5363, 0.3201, 0.3580**, and **32.6287, 0.3193, 0.4037** is the 20% darker color. If you saturate the color by 10%, you get **61.1675, 0.3216, 0.4192**, and if you desaturate by 10%, it is **66.7862, 0.3164, 0.3596**.

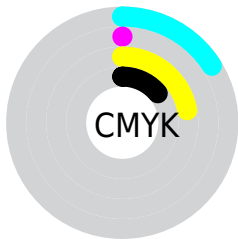
Distribution



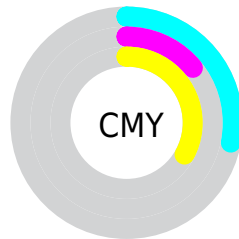
- Red (72%)
- Green (86%)
- Blue (67%)



- Red (67%)
- Yellow (86%)
- Blue (81%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (14%)





- Cyan (28%)
- Magenta (14%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.7937, 0.3192, 0.3882 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 63.7937, 0.3192, 0.3882 by changing the saturation by 10% instead.


 63.7937, 0.3192,
0.3882

 63.7937, 0.3192,
0.3882


438.4443, 0.3166,
0.3592

 46.4836, 0.3196,
0.3952


 110.3138, 0.3184,
0.3778

 32.6276, 0.3201,
0.4042


140.2925, 0.3181,
0.3739

 21.8413, 0.3206,
0.4158


175.2630, 0.3178,
0.3705

 13.7404, 0.3209,
0.4317

215.6095, 0.3175,
0.3676

 7.9403, 0.3207,
0.4544

261.7165, 0.3173,
0.3651

 4.0568, 0.3191,
0.4895

313.9684, 0.3170,

 1.7054, 0.3277,

0.3629

0.5770

372.7495, 0.3168,
0.3610

0.4271, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.7937, 0.3192,
0.3882

63.7937, 0.3192,
0.3882

61.1675, 0.3216,
0.4192

66.7862, 0.3164,
0.3596

58.8853, 0.3234,
0.4518

70.1501, 0.3133,
0.3336

56.9345, 0.3242,
0.4848

73.9008, 0.3102,
0.3105

55.2989, 0.3238,
0.5164

77.8153, 0.3094,
0.2935

■ 53.9606, 0.3221,
0.5445

■ 79.1421, 0.3144,
0.2940

■ 52.8998, 0.3190,
0.5672

■ 52.0938, 0.3148,
0.5830

■ 51.6035, 0.3111,
0.5912

Harmonies

Analogous

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



63.7937, 0.3534, 0.3924



63.7937, 0.3192, 0.3882



63.7937, 0.2845, 0.3650

Triad

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



63.7937, 0.3192, 0.3882



63.7937, 0.2510, 0.2775



63.7937, 0.3696, 0.3232

Complementary

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



63.7937, 0.3192, 0.3882



47.3661, 0.3043, 0.2729

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.



63.7937, 0.3394, 0.2965



63.7937, 0.3192, 0.3882



63.7937, 0.2711, 0.2705

Square

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



63.7937, 0.3192, 0.3882



63.7937, 0.2465, 0.2989



63.7937, 0.3030, 0.2776



63.7937, 0.3838, 0.3527

Rectangle

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



63.7937, 0.3192, 0.3882



63.7937, 0.2657, 0.3427



63.7937, 0.3030, 0.2776



63.7937, 0.3609, 0.3138

Sweetspot

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



63.7964, 0.3192, 0.3882



96.5187, 0.3149, 0.3466



61.8564, 0.3487, 0.3688



20.5974, 0.3151, 0.3482



0.0000, 0.0000, 0.0000



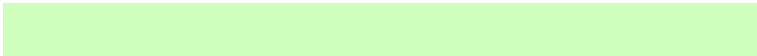
21.4041, 0.3127, 0.3290

Same Dimension

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



63.7964, 0.3192, 0.3882



88.4000, 0.3203, 0.4013



62.6749, 0.3033, 0.3763



14.7762, 0.3156, 0.3529



30.6455, 0.3120, 0.5905



2.0276, 0.3240, 0.5809

Inverse Universe

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



47.3661, 0.3043, 0.2729



61.4948, 0.3022, 0.2613



48.7752, 0.3238, 0.2859



13.0881, 0.3095, 0.3057



7.4975, 0.2535, 0.1170



0.5274, 0.2649, 0.1233

Previews

White Background



This preview shows how the Yxy color 63.7937, 0.3192, 0.3882 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 63.7937, 0.3192, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

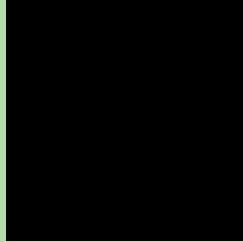
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

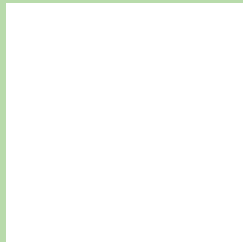
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.7937, 0.3192, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 63.7937, 0.3192, 0.3882.

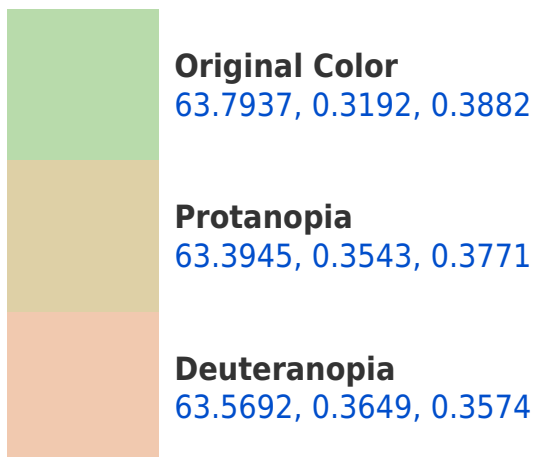


This preview shows how white text looks on a background with the Yxy color 63.7937, 0.3192, 0.3882.

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

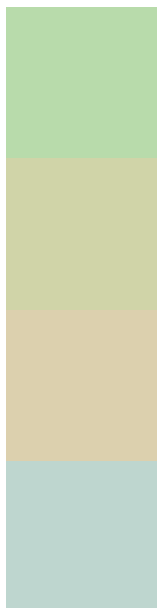




Tritanopia

63.5274, 0.2887, 0.3094

Trichromacy



Original Color

63.7937, 0.3192, 0.3882

Protanomaly

63.3240, 0.3406, 0.3809

Deuteranomaly

63.3834, 0.3467, 0.3680

Tritanomaly

63.5453, 0.3001, 0.3373

Monochromacy



Original Color

63.7937, 0.3192, 0.3882

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

61.0983, 0.3155, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.7937, 0.3192, 0.3882 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(184, 219, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 219, 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(184, 219, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 219, 171) }
```

Border

The CSS property to change the border of an element to Yxy 63.7937, 0.3192, 0.3882 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(184, 219, 171) }
```

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

```
.border{ border-color:rgb(184, 219, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 219, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 219, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 219, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 219,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 63.7937, 0.3192, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 219, 171) }
```

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

```
.background{ background-color: rgb(184,  
219, 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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