

Converting Colors

Yxy(63.8419, 0.3107, 0.3691)

Have a look what the booklet for
Yxy(63.8419, 0.3107, 0.3691)
contains.

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Color

Yxy(63.9599, 0.3108, 0.3693)

Conversions

Conversions Part 1

Format	Color
Hex	B9DAB9
RGB	185, 218, 185
RGB Percent	73%, 85%, 73%
CMY	0.2747, 0.1450, 0.2745
CMYK	0.15, 0.00, 0.15, 0.15
HSL	120°, 31%, 79%
HSV	120°, 15%, 85%
XYZ	53.8282, 63.9599, 55.4042
YIQ	204.3710, -9.0750, -17.2590

Conversions

Conversions Part 2

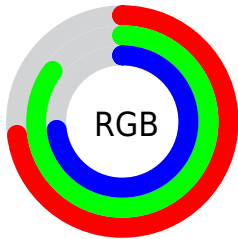
Format	Color
RYB	185, 218, 218
Decimal	12180153
CIELab	83.94, -17.12, 12.65
CIElCh	84, 21.286, 143.544
Yxy	63.9599, 0.3108, 0.3693
Android (android.graphics.Color)	4290370233 (0xFFB9DAB9)
YUV	204.3710, -9.5499, -16.9884
Hunter-Lab	79.9749, -19.8144, 14.9081

Details

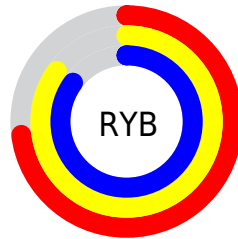
The Yxy color **63.9599, 0.3108, 0.3693** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **54.6500, 0.3145, 0.2917**, and the grayscale version is **60.6933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5716, 0.3121, 0.3428**, and **32.7659, 0.3103, 0.3797** is the 20% darker color. If you saturate the color by 10%, you get **60.6061, 0.3093, 0.4002**, and if you desaturate by 10%, it is **67.8757, 0.3121, 0.3418**.

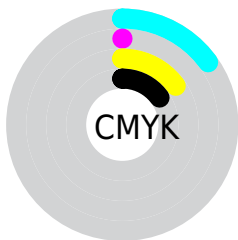
Distribution



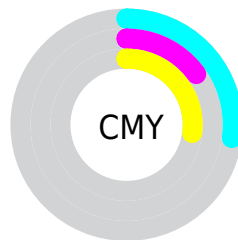
- Red (73%)
- Green (85%)
- Blue (73%)



- Red (73%)
- Yellow (85%)
- Blue (85%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9599, 0.3108, 0.3693 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 63.9599, 0.3108, 0.3693 by changing the saturation by 10% instead.


 63.9599, 0.3108,
0.3693

 63.9599, 0.3108,
0.3693


439.0448, 0.3120,
0.3497

 46.6182, 0.3105,
0.3740


 110.5532, 0.3113,
0.3623

 32.7339, 0.3100,
0.3800


140.5736, 0.3114,
0.3596

 21.9227, 0.3093,
0.3878


175.5889, 0.3116,
0.3574

 13.8001, 0.3083,
0.3984

215.9837, 0.3117,
0.3554

 7.9818, 0.3066,
0.4137

262.1423, 0.3118,
0.3537

 4.0833, 0.3036,
0.4373

314.4491, 0.3118,

 1.7203, 0.2977,

0.3522

0.4800

373.2885, 0.3119,
0.3509

0.4367, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.9599, 0.3108,
0.3693

63.9599, 0.3108,
0.3693

60.6061, 0.3093,
0.4002

67.8757, 0.3121,
0.3418

57.7810, 0.3077,
0.4341

72.3691, 0.3132,
0.3178

55.4599, 0.3060,
0.4698

77.4650, 0.3142,
0.2971

53.6133, 0.3044,
0.5054

78.6307, 0.3144,
0.2930

■ 52.2085, 0.3028,
0.5385

■ 51.2085, 0.3015,
0.5661

■ 50.5707, 0.3006,
0.5858

■ 50.2424, 0.3001,
0.5968

■ 50.1512, 0.3000,
0.5999

Harmonies

Analogous

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



63.9599, 0.3373, 0.3767



63.9599, 0.3108, 0.3693



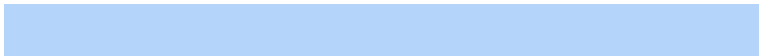
63.9599, 0.2856, 0.3495

Triad

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



63.9599, 0.3108, 0.3693



63.9599, 0.2689, 0.2877



63.9599, 0.3593, 0.3310

Complementary

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



63.9599, 0.3108, 0.3693



54.6500, 0.3145, 0.2917

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.



63.9599, 0.3395, 0.3094



63.9599, 0.3108, 0.3693



63.9599, 0.2871, 0.2849

Square

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



63.9599, 0.3108, 0.3693



63.9599, 0.2621, 0.3016



63.9599, 0.3128, 0.2928



63.9599, 0.3660, 0.3531

Rectangle

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



63.9599, 0.3108, 0.3693



63.9599, 0.2728, 0.3327



63.9599, 0.3128, 0.2928



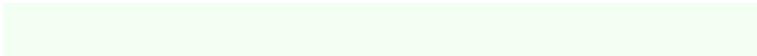
63.9599, 0.3540, 0.3235

Sweetspot

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



63.9626, 0.3108, 0.3693



96.8682, 0.3121, 0.3415



68.5595, 0.3353, 0.3664



20.6432, 0.3120, 0.3433



0.0000, 0.0000, 0.0000



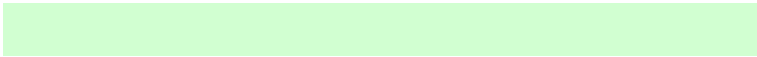
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9626, 0.3108, 0.3693



89.7008, 0.3104, 0.3782



64.7001, 0.3001, 0.3488



14.6065, 0.3116, 0.3531



30.0412, 0.3000, 0.5999



1.9463, 0.2999, 0.5997

Inverse Universe

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



54.6500, 0.3145, 0.2917



74.1268, 0.3149, 0.2843



53.8291, 0.3275, 0.3100



13.2746, 0.3138, 0.3060



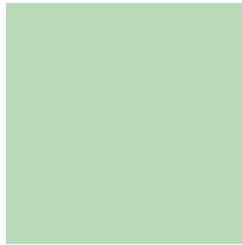
11.9553, 0.3212, 0.1543



0.7746, 0.3211, 0.1543

Previews

White Background



This preview shows how the Yxy color 63.9599, 0.3108, 0.3693 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 63.9599, 0.3108, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

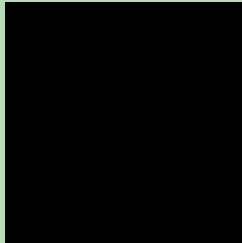
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

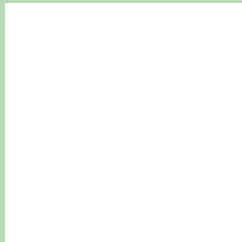
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9599, 0.3108, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 63.9599, 0.3108, 0.3693.

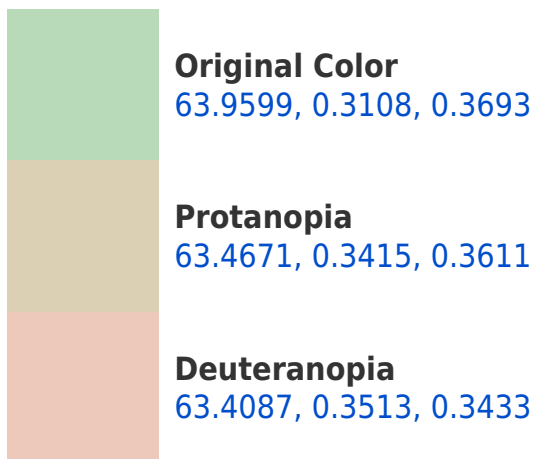


This preview shows how white text looks on a background with the Yxy color 63.9599, 0.3108, 0.3693.

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

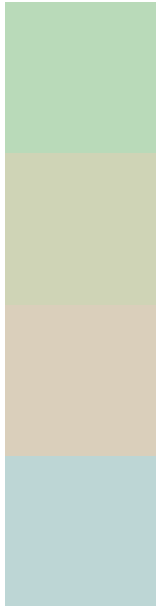




Tritanopia

63.9506, 0.2875, 0.3094

Trichromacy



Original Color

63.9599, 0.3108, 0.3693

Protanomaly

63.7298, 0.3299, 0.3642

Deuteranomaly

63.1189, 0.3357, 0.3520

Tritanomaly

63.7160, 0.2956, 0.3301

Monochromacy



Original Color

63.9599, 0.3108, 0.3693

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

61.5025, 0.3120, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9599, 0.3108, 0.3693 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(185, 218, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 218, 185)  
}
```

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(185, 218, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 218, 185) }
```

Border

The CSS property to change the border of an element to Yxy 63.9599, 0.3108, 0.3693 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(185, 218, 185) }
```

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

```
.border{ border-color:rgb(185, 218, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 218, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 218, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 218, 185);  
box-shadow:4px 4px 4px 4px rgb(185, 218,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9599, 0.3108, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 218, 185) }
```

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

```
.background{ background-color: rgb(185,  
218, 185) }
```

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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