

Converting Colors

Yxy(65.6894, 0.3105, 0.3830)

Have a look what the booklet for
Yxy(65.6894, 0.3105, 0.3830)
contains.

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Color

Yxy(65.7333, 0.3109, 0.3831)

Conversions

Conversions Part 1

Format	Color
Hex	B4DFB3
RGB	180, 223, 179
RGB Percent	71%, 87%, 70%
CMY	0.2941, 0.1255, 0.2982
CMYK	0.19, 0.00, 0.20, 0.13
HSL	119°, 41%, 79%
HSV	119°, 20%, 87%
XYZ	53.3450, 65.7333, 52.5043
YIQ	205.1270, -11.5040, -22.8000

Conversions

Conversions Part 2

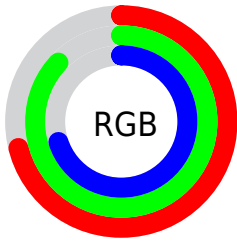
Format	Color
RYB	179, 223, 222
Decimal	11853747
CIELab	84.86, -22.31, 17.06
CIELCh	85, 28.085, 142.589
Yxy	65.7333, 0.3109, 0.3831
Android (android.graphics.Color)	4290043827 (0xFFB4DFB3)
YUV	205.1270, -12.8806, -22.0364
Hunter-Lab	81.0761, -24.4368, 18.3575

Details

The Yxy color **65.7333, 0.3109, 0.3831** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **53.0776, 0.3141, 0.2800**, and the grayscale version is **61.2251, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3510, 0.3124, 0.3490**, and **34.0236, 0.3104, 0.3982** is the 20% darker color. If you saturate the color by 10%, you get **62.4945, 0.3097, 0.4154**, and if you desaturate by 10%, it is **69.5340, 0.3119, 0.3540**.

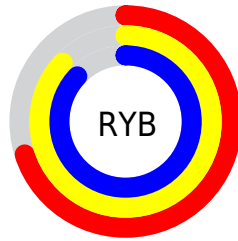
Distribution



Red (71%)

Green (87%)

Blue (70%)



Red (70%)

Yellow (87%)

Blue (87%)

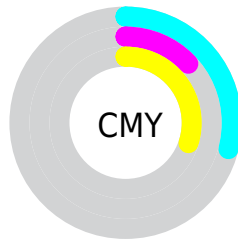


Cyan (19%)

Magenta (0%)

Yellow (20%)

Black (13%)



Cyan (29%)


Magenta (13%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.7333, 0.3109, 0.3831 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 65.7333, 0.3109, 0.3831 by changing the saturation by 10% instead.

 65.7333, 0.3109,
0.3831

 65.7333, 0.3109,
0.3831

445.4225, 0.3122,
0.3567

 48.0559, 0.3105,
0.3895


 113.1035, 0.3115,
0.3737

 33.8712, 0.3099,
0.3976


143.5650, 0.3116,
0.3701

 22.7947, 0.3089,
0.4081


179.0568, 0.3118,
0.3670

 14.4420, 0.3075,
0.4224

219.9632, 0.3119,
0.3644

 8.4287, 0.3051,
0.4429

266.6686, 0.3120,
0.3621

 4.3705, 0.3005,
0.4746

319.5573, 0.3121,

 1.8829, 0.2937,

0.3601

0.5360

379.0138, 0.3122,
0.3583

0.5381, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

65.7333, 0.3109,
0.3831

65.7333, 0.3109,
0.3831

62.4945, 0.3097,
0.4154

69.5340, 0.3119,
0.3540

59.7832, 0.3083,
0.4502

73.9127, 0.3127,
0.3284

57.5738, 0.3068,
0.4860

78.8950, 0.3134,
0.3061

55.8357, 0.3052,
0.5207

81.2585, 0.3142,
0.2980

■ 54.5346, 0.3036,
0.5515

■ 53.6316, 0.3022,
0.5758

■ 53.0812, 0.3011,
0.5916

■ 52.8174, 0.3004,
0.5995

■ 52.8126, 0.3004,
0.5997

Harmonies

Analogous

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



65.7333, 0.3454, 0.3918



65.7333, 0.3109, 0.3831



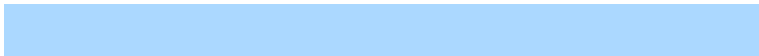
65.7333, 0.2782, 0.3570

Triad

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



65.7333, 0.3109, 0.3831



65.7333, 0.2555, 0.2757



65.7333, 0.3733, 0.3301

Complementary

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



65.7333, 0.3109, 0.3831



53.0776, 0.3141, 0.2800

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.



65.7333, 0.3466, 0.3027



65.7333, 0.3109, 0.3831



65.7333, 0.2784, 0.2721

Square

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



65.7333, 0.3109, 0.3831



65.7333, 0.2474, 0.2935



65.7333, 0.3114, 0.2820



65.7333, 0.3826, 0.3587

Rectangle

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



65.7333, 0.3109, 0.3831



65.7333, 0.2615, 0.3345



65.7333, 0.3114, 0.2820



65.7333, 0.3660, 0.3205

Sweetspot

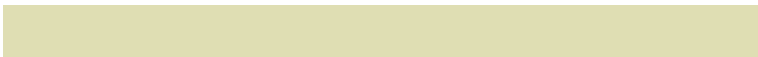
The Sweet Spot groups the original color and five complimentary colors.



65.7361, 0.3109, 0.3831



96.3297, 0.3122, 0.3441



70.9395, 0.3427, 0.3765



20.5368, 0.3122, 0.3459



0.0000, 0.0000, 0.0000



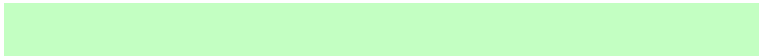
21.4041, 0.3127, 0.3290

Same Dimension

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



65.7361, 0.3109, 0.3831



87.0416, 0.3104, 0.3970



66.5056, 0.2973, 0.3573



15.3526, 0.3119, 0.3532



31.0580, 0.3005, 0.5996



2.1583, 0.3021, 0.5983

Inverse Universe

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



53.0776, 0.3141, 0.2800



66.7004, 0.3144, 0.2689



52.2007, 0.3316, 0.3023



13.9182, 0.3134, 0.3059



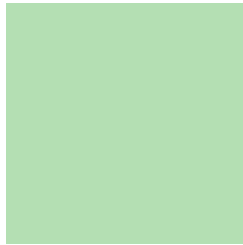
11.8782, 0.3150, 0.1509



0.8287, 0.3160, 0.1514

Previews

White Background



This preview shows how the Yxy color 65.7333, 0.3109, 0.3831 looks on a white background.

Color Contrast Check

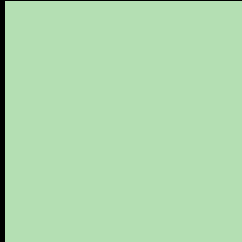
Large Text (above 18pt) WCAG AA × Fail

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 65.7333, 0.3109, 0.3831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

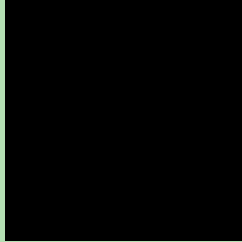
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

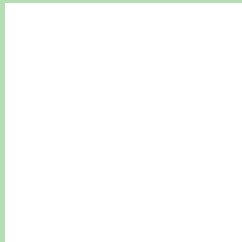
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.7333, 0.3109, 0.3831

Background



This preview shows how black text looks on a background with the Yxy color 65.7333, 0.3109, 0.3831.



This preview shows how white text looks on a background with the Yxy color 65.7333, 0.3109, 0.3831.

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

65.7333, 0.3109, 0.3831

Protanopia

65.4530, 0.3500, 0.3720

Deuteranopia

65.0080, 0.3589, 0.3507



Tritanopia

65.8137, 0.2833, 0.3094

Trichromacy



Original Color

65.7333, 0.3109, 0.3831

Protanomaly

65.1059, 0.3351, 0.3759

Deuteranomaly

64.5307, 0.3396, 0.3610

Tritanomaly

65.9062, 0.2936, 0.3360

Monochromacy



Original Color

65.7333, 0.3109, 0.3831

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

62.8083, 0.3118, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.7333, 0.3109, 0.3831 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(180, 223, 179)` looks like.

```
.text, #text, p{  
    color:rgb(180, 223, 179)  
}
```

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(180, 223, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 223, 179) }
```

Border

The CSS property to change the border of an element to Yxy 65.7333, 0.3109, 0.3831 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(180, 223, 179) }
```

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

```
.border{ border-color:rgb(180, 223, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 223, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 223, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 223, 179);  
box-shadow:4px 4px 4px 4px rgb(180, 223,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 65.7333, 0.3109, 0.3831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 223, 179) }
```

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

```
.background{ background-color: rgb(180,  
223, 179) }
```

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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