

Converting Colors

Yxy(57.2649, 0.3117, 0.3672)

Have a look what the booklet for
Yxy(57.2649, 0.3117, 0.3672)
contains.

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Color

Yxy(57.2649, 0.3117, 0.3672)

Conversions

Conversions Part 1

Format	Color
Hex	B2CFB1
RGB	178, 207, 177
RGB Percent	70%, 81%, 69%
CMY	0.3019, 0.1882, 0.3060
CMYK	0.14, 0.00, 0.15, 0.19
HSL	118°, 24%, 75%
HSV	118°, 15%, 81%
XYZ	48.6097, 57.2649, 50.0756
YIQ	194.9090, -7.6540, -15.4780

Conversions

Conversions Part 2

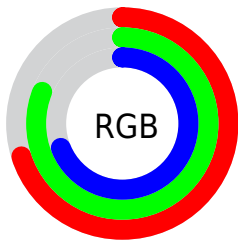
Format	Color
RYB	177, 207, 206
Decimal	11718577
CIELab	80.33, -15.36, 11.71
CIElCh	80, 19.310, 142.686
Yxy	57.2649, 0.3117, 0.3672
Android (android.graphics.Color)	4289908657 (0xFFB2CFB1)
YUV	194.9090, -8.8291, -14.8292
Hunter-Lab	75.6736, -17.7675, 13.7374

Details

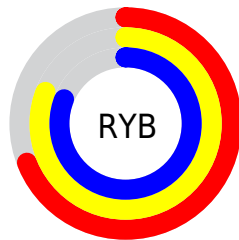
The Yxy color **57.2649, 0.3117, 0.3672** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **49.0592, 0.3135, 0.2934**, and the grayscale version is **54.5751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8956, 0.3123, 0.3511**, and **28.5977, 0.3114, 0.3791** is the 20% darker color. If you saturate the color by 10%, you get **54.3088, 0.3108, 0.3976**, and if you desaturate by 10%, it is **60.6956, 0.3124, 0.3401**.

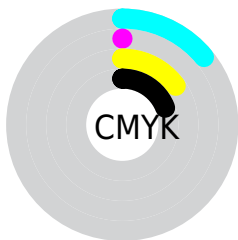
Distribution



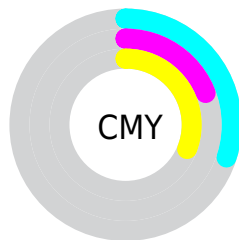
- Red (70%)
- Green (81%)
- Blue (69%)



- Red (69%)
- Yellow (81%)
- Blue (81%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)





- Cyan (30%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.2649, 0.3117, 0.3672 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 57.2649, 0.3117, 0.3672 by changing the saturation by 10% instead.


 57.2649, 0.3117,
0.3672

 57.2649, 0.3117,
0.3672


414.4412, 0.3124,
0.3483

 41.2180, 0.3115,
0.3719

 100.8516, 0.3120,
0.3604

 28.4894, 0.3111,
0.3778


129.1602, 0.3121,
0.3578

 18.6949, 0.3106,
0.3857


162.3247, 0.3122,
0.3556

 11.4500, 0.3098,
0.3965

200.7297, 0.3123,
0.3537

 6.3704, 0.3084,
0.4125

244.7594, 0.3123,
0.3521

 3.0716, 0.3055,
0.4381

294.7983, 0.3124,

 1.1692, 0.3085,

0.3507

0.5067

351.2307, 0.3124,
0.3494

0.0364, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.2649, 0.3117,
0.3672

57.2649, 0.3117,
0.3672

54.3088, 0.3108,
0.3976

60.6956, 0.3124,
0.3401

51.7995, 0.3096,
0.4310

64.6127, 0.3130,
0.3164

49.7174, 0.3083,
0.4662

69.0367, 0.3135,
0.2958

48.0388, 0.3068,
0.5015

73.1069, 0.3149,
0.2821

■ 46.7375, 0.3052,
0.5346

■ 45.7843, 0.3036,
0.5627

■ 45.1457, 0.3021,
0.5834

■ 44.7817, 0.3009,
0.5956

■ 44.6729, 0.3006,
0.5995

Harmonies

Analogous

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



57.2649, 0.3365, 0.3738



57.2649, 0.3117, 0.3672



57.2649, 0.2878, 0.3489

Triad

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



57.2649, 0.3117, 0.3672



57.2649, 0.2711, 0.2903



57.2649, 0.3562, 0.3304

Complementary

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



57.2649, 0.3117, 0.3672



49.0592, 0.3135, 0.2934

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.



57.2649, 0.3373, 0.3100



57.2649, 0.3117, 0.3672



57.2649, 0.2880, 0.2873

Square

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



57.2649, 0.3117, 0.3672



57.2649, 0.2650, 0.3038



57.2649, 0.3121, 0.2945



57.2649, 0.3629, 0.3512

Rectangle

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



57.2649, 0.3117, 0.3672



57.2649, 0.2755, 0.3332



57.2649, 0.3121, 0.2945



57.2649, 0.3510, 0.3233

Sweetspot

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



57.2673, 0.3117, 0.3672



97.5401, 0.3125, 0.3389



60.3423, 0.3345, 0.3629



20.7817, 0.3124, 0.3409



0.0000, 0.0000, 0.0000



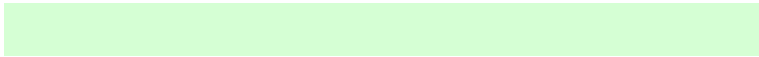
21.4041, 0.3127, 0.3290

Same Dimension

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



57.2673, 0.3117, 0.3672



90.4236, 0.3115, 0.3751



57.7110, 0.3017, 0.3497



13.2254, 0.3121, 0.3530



28.1536, 0.3008, 0.5993



1.5812, 0.3035, 0.5972

Inverse Universe

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



49.0592, 0.3135, 0.2934



75.1098, 0.3136, 0.2866



48.5750, 0.3254, 0.3091



11.9874, 0.3132, 0.3061



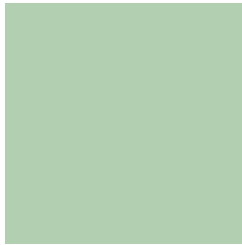
10.5720, 0.3124, 0.1495



0.5978, 0.3140, 0.1504

Previews

White Background



This preview shows how the Yxy color 57.2649, 0.3117, 0.3672 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 57.2649, 0.3117, 0.3672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

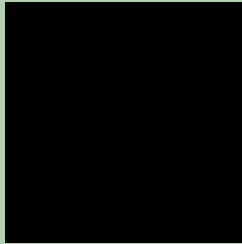
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

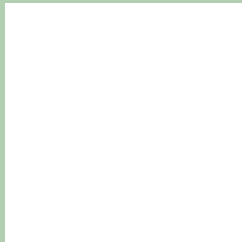
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.2649, 0.3117, 0.3672

Background



This preview shows how black text looks on a background with the Yxy color 57.2649, 0.3117, 0.3672.

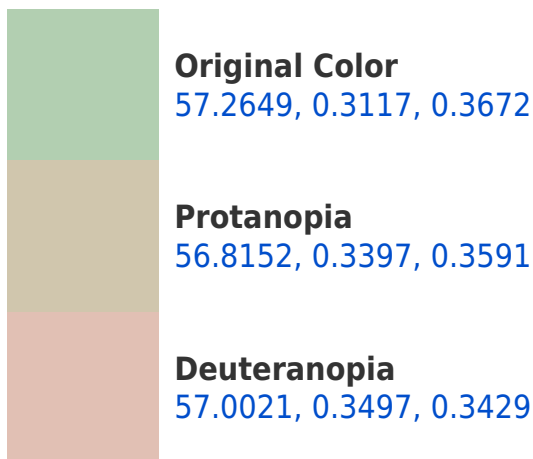


This preview shows how white text looks on a background with the Yxy color 57.2649, 0.3117, 0.3672.

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

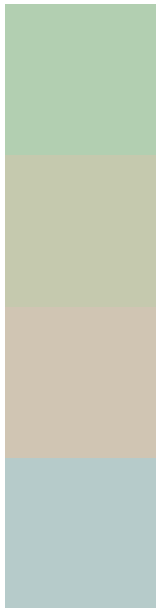




Tritanopia

57.0973, 0.2897, 0.3097

Trichromacy



Original Color

57.2649, 0.3117, 0.3672

Protanomaly

56.6996, 0.3294, 0.3622

Deuteranomaly

56.5971, 0.3352, 0.3506

Tritanomaly

56.9212, 0.2976, 0.3302

Monochromacy



Original Color

57.2649, 0.3117, 0.3672

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

55.2965, 0.3129, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.2649, 0.3117, 0.3672 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(178, 207, 177)` looks like.

```
.text, #text, p{  
    color:rgb(178, 207, 177)  
}
```

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(178, 207, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 207, 177) }
```

Border

The CSS property to change the border of an element to Yxy 57.2649, 0.3117, 0.3672 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(178, 207, 177) }
```

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

```
.border{ border-color:rgb(178, 207, 177) }
```

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

Here you see how a box with a 4 pixel rgb(178, 207, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 207, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 207, 177);  
box-shadow:4px 4px 4px 4px rgb(178, 207,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 57.2649, 0.3117, 0.3672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 207, 177) }
```

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

```
.background{ background-color: rgb(178,  
207, 177) }
```

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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