

Converting Colors

$Yxy(59.1888, 0.3063, 0.3460)$

Have a look what the booklet for
Yxy(59.1888, 0.3063, 0.3460)
contains.

Yxy(58.9598, 0.3060, 0.3449)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(58.9598, 0.3060, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	BACFC2
RGB	186, 207, 194
RGB Percent	73%, 81%, 76%
CMY	0.2704, 0.1883, 0.2391
CMYK	0.10, 0.00, 0.06, 0.19
HSL	143°, 18%, 77%
HSV	143°, 10%, 81%
XYZ	52.3099, 58.9598, 59.6778
YIQ	199.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

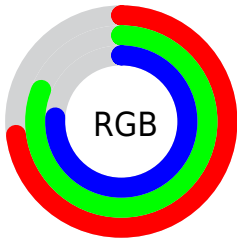
Format	Color
RYB	186, 201, 207
Decimal	12242882
CIELab	81.27, -9.52, 4.03
CIElCh	81, 10.334, 157.038
Yxy	58.9598, 0.3060, 0.3449
Android (android.graphics.Color)	4290432962 (0xFFBACFC2)
YUV	199.2390, -2.5828, -11.6106
Hunter-Lab	76.7853, -12.7712, 7.6693

Details

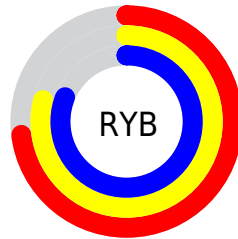
The Yxy color **58.9598, 0.3060, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5238, 0.3201, 0.3136**, and the grayscale version is **57.2934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2994, 0.3076, 0.3339**, and **29.6625, 0.3048, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **56.0030, 0.2995, 0.3625**, and if you desaturate by 10%, it is **62.3468, 0.3126, 0.3292**.

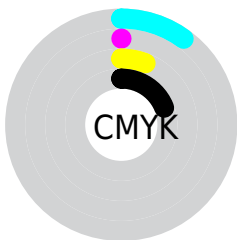
Distribution



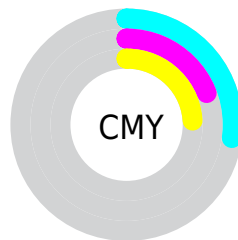
- Red (73%)
- Green (81%)
- Blue (76%)



- Red (73%)
- Yellow (79%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)





- Cyan (27%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9598, 0.3060, 0.3449 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 58.9598, 0.3060, 0.3449 by changing the saturation by 10% instead.


 58.9598, 0.3060,
0.3449

 58.9598, 0.3060,
0.3449


420.7529, 0.3093,
0.3372

 42.5808, 0.3052,
0.3468


 103.3192, 0.3072,
0.3421

 29.5563, 0.3042,
0.3491


132.0684, 0.3076,
0.3411

 19.5021, 0.3029,
0.3522


165.7098, 0.3080,
0.3402

 12.0336, 0.3011,
0.3564

204.6277, 0.3083,
0.3394

 6.7666, 0.2985,
0.3625

249.2066, 0.3086,
0.3388

 3.3165, 0.2944,
0.3720

299.8308, 0.3089,

 1.2991, 0.2871,

0.3382

0.3891

356.8848, 0.3091,
0.3376

0.1405, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.9598, 0.3060,
0.3449

58.9598, 0.3060,
0.3449

56.0030, 0.2995,
0.3625

62.3468, 0.3126,
0.3292

53.4515, 0.2933,
0.3821

66.1728, 0.3192,
0.3153

51.2893, 0.2878,
0.4035

70.4558, 0.3257,
0.3031

49.4965, 0.2832,
0.4263

72.4903, 0.3217,
0.2912

■ 48.0512, 0.2798,
0.4502

■ 73.1016, 0.3149,
0.2821

■ 46.9292, 0.2781,
0.4744

■ 46.1029, 0.2781,
0.4979

■ 45.5400, 0.2800,
0.5200

■ 45.1846, 0.2832,
0.5395

Harmonies

Analogous

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



58.9598, 0.3195, 0.3515



58.9598, 0.3060, 0.3449



58.9598, 0.2945, 0.3338

Triad

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



58.9598, 0.3060, 0.3449



58.9598, 0.2942, 0.3067



58.9598, 0.3382, 0.3356

Complementary

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



58.9598, 0.3060, 0.3449



52.5238, 0.3201, 0.3136

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.



58.9598, 0.3311, 0.3240



58.9598, 0.3060, 0.3449



58.9598, 0.3056, 0.3076

Square

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



58.9598, 0.3060, 0.3449



58.9598, 0.2878, 0.3117



58.9598, 0.3191, 0.3139



58.9598, 0.3382, 0.3458

Rectangle

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



58.9598, 0.3060, 0.3449



58.9598, 0.2894, 0.3255



58.9598, 0.3191, 0.3139



58.9598, 0.3365, 0.3317

Sweetspot

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



58.9623, 0.3060, 0.3449



98.2767, 0.3107, 0.3336



60.3532, 0.3217, 0.3542



20.9390, 0.3102, 0.3348



0.0000, 0.0000, 0.0000



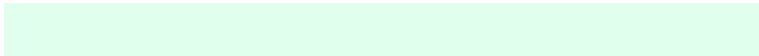
21.4041, 0.3127, 0.3290

Same Dimension

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



58.9623, 0.3060, 0.3449



93.4911, 0.3047, 0.3483



59.4352, 0.2991, 0.3323



13.2798, 0.3065, 0.3437



28.4881, 0.2825, 0.5369



1.6082, 0.2720, 0.4992

Inverse Universe

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



52.5238, 0.3201, 0.3136



81.2780, 0.3217, 0.3104



52.0670, 0.3282, 0.3257



11.9295, 0.3195, 0.3147



9.3603, 0.4453, 0.2227



0.5386, 0.4166, 0.2068

Previews

White Background



This preview shows how the Yxy color 58.9598, 0.3060, 0.3449 looks on a white background.

Color Contrast Check

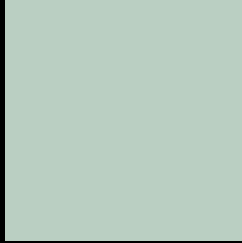
Large Text (above 18pt) WCAG AA × Fail

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 58.9598, 0.3060, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

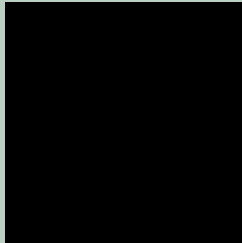
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

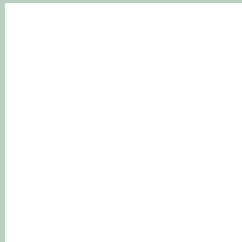
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.9598, 0.3060, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 58.9598, 0.3060, 0.3449.

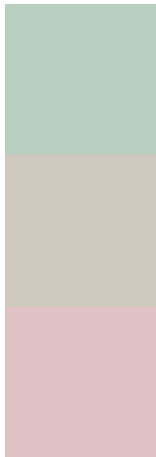


This preview shows how white text looks on a background with the Yxy color 58.9598, 0.3060, 0.3449.

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

58.9598, 0.3060, 0.3449

Protanopia

58.9448, 0.3255, 0.3408

Deuteranopia

58.7037, 0.3347, 0.3279



Tritanopia

58.7735, 0.2921, 0.3100

Trichromacy



Original Color

58.9598, 0.3060, 0.3449

Protanomaly

58.7970, 0.3183, 0.3422

Deuteranomaly

58.4886, 0.3244, 0.3337

Tritanomaly

58.6577, 0.2974, 0.3218

Monochromacy



Original Color

58.9598, 0.3060, 0.3449

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7416, 0.3101, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9598, 0.3060, 0.3449 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(186, 207, 194)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 194)  
}
```

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(186, 207, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 194) }
```

Border

The CSS property to change the border of an element to Yxy 58.9598, 0.3060, 0.3449 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(186, 207, 194) }
```

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

```
.border{ border-color:rgb(186, 207, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9598, 0.3060, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 194) }
```

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

```
.background{ background-color: rgb(186,  
207, 194) }
```

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