

Converting Colors

Yxy(58.8213, 0.3109, 0.3524)

Have a look what the booklet for
Yxy(58.8213, 0.3109, 0.3524)
contains.

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Color

Yxy(58.8213, 0.3109, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	BBCFBC
RGB	187, 207, 188
RGB Percent	73%, 81%, 74%
CMY	0.2664, 0.1883, 0.2627
CMYK	0.10, 0.00, 0.09, 0.19
HSL	123°, 17%, 77%
HSV	123°, 10%, 81%
XYZ	51.8943, 58.8213, 56.2007
YIQ	198.8540, -5.8210, -10.1490

Conversions

Conversions Part 2

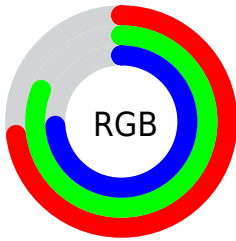
Format	Color
RYB	187, 206, 207
Decimal	12308412
CIELab	81.19, -10.28, 7.14
CIELCh	81, 12.514, 145.195
Yxy	58.8213, 0.3109, 0.3524
Android (android.graphics.Color)	4290498492 (0xFFBBCFBC)
YUV	198.8540, -5.3510, -10.3960
Hunter-Lab	76.6950, -13.4376, 10.2399

Details

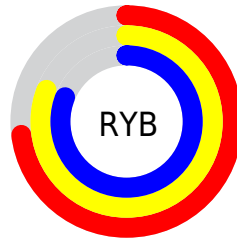
The Yxy color **58.8213, 0.3109, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.2864, 0.3145, 0.3067**, and the grayscale version is **57.0623, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.1063, 0.3116, 0.3398**, and **29.6001, 0.3103, 0.3589** is the 20% darker color. If you saturate the color by 10%, you get **55.6047, 0.3089, 0.3799**, and if you desaturate by 10%, it is **62.5353, 0.3128, 0.3282**.

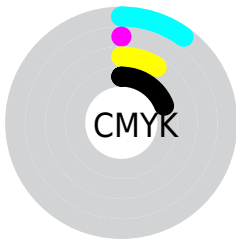
Distribution



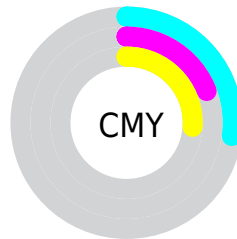
- Red (73%)
- Green (81%)
- Blue (74%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (19%)




- Cyan (27%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8213, 0.3109, 0.3524 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 58.8213, 0.3109, 0.3524 by changing the saturation by 10% instead.


 58.8213, 0.3109,
0.3524

 58.8213, 0.3109,
0.3524

420.2394, 0.3119,
0.3410

 42.4693, 0.3106,
0.3552

 103.1179, 0.3113,
0.3483

 29.4689, 0.3103,
0.3587


131.8313, 0.3114,
0.3468

 19.4358, 0.3099,
0.3633


165.4339, 0.3115,
0.3454

 11.9856, 0.3092,
0.3696

204.3101, 0.3116,
0.3443

 6.7339, 0.3082,
0.3788

248.8444, 0.3117,
0.3433

 3.2962, 0.3064,
0.3932

299.4211, 0.3117,

 1.2883, 0.3031,

0.3424

0.4199

356.4246, 0.3118,
0.3417

0.1321, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

58.8213, 0.3109,
0.3524

58.8213, 0.3109,
0.3524

55.6047, 0.3089,
0.3799

62.5353, 0.3128,
0.3282

52.8573, 0.3068,
0.4106

66.7586, 0.3145,
0.3071

50.5595, 0.3047,
0.4438

71.5122, 0.3161,
0.2889

48.6873, 0.3027,
0.4783

73.1006, 0.3149,
0.2821

■ 47.2145, 0.3011,
0.5122

■ 46.1120, 0.2998,
0.5433

■ 45.3471, 0.2992,
0.5689

■ 44.8807, 0.2991,
0.5870

■ 44.6489, 0.2993,
0.5971

Harmonies

Analogous

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



58.8213, 0.3270, 0.3575



58.8213, 0.3109, 0.3524



58.8213, 0.2956, 0.3405

Triad

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



58.8213, 0.3109, 0.3524



58.8213, 0.2864, 0.3036



58.8213, 0.3412, 0.3314

Complementary

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



58.8213, 0.3109, 0.3524



53.2864, 0.3145, 0.3067

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.



58.8213, 0.3298, 0.3177



58.8213, 0.3109, 0.3524



58.8213, 0.2981, 0.3019

Square

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



58.8213, 0.3109, 0.3524



58.8213, 0.2817, 0.3121



58.8213, 0.3139, 0.3071



58.8213, 0.3447, 0.3448

Rectangle

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



58.8213, 0.3109, 0.3524



58.8213, 0.2878, 0.3306



58.8213, 0.3139, 0.3071



58.8213, 0.3381, 0.3267

Sweetspot

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



58.8238, 0.3109, 0.3524



98.1176, 0.3122, 0.3361



61.3793, 0.3264, 0.3525



20.8962, 0.3120, 0.3380



0.0000, 0.0000, 0.0000



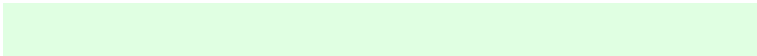
21.4041, 0.3127, 0.3290

Same Dimension

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



58.8238, 0.3109, 0.3524



92.9149, 0.3104, 0.3590



59.2553, 0.3043, 0.3403



13.2153, 0.3109, 0.3518



28.1338, 0.2991, 0.5966



1.5764, 0.2960, 0.5857

Inverse Universe

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



53.2864, 0.3145, 0.3067



81.9126, 0.3151, 0.3007



52.8304, 0.3221, 0.3179



11.9989, 0.3145, 0.3072



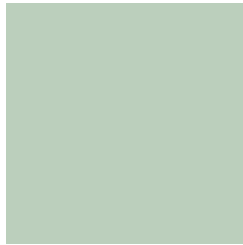
10.9043, 0.3332, 0.1609



0.6128, 0.3307, 0.1596

Previews

White Background



This preview shows how the Yxy color 58.8213, 0.3109, 0.3524 looks on a white background.

Color Contrast Check

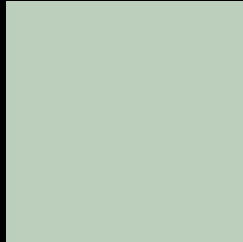
Large Text (above 18pt) WCAG AA × Fail

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 58.8213, 0.3109, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

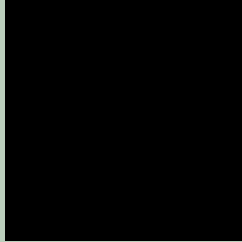
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

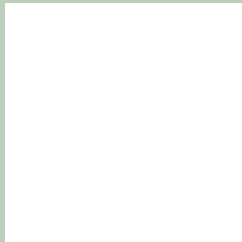
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.8213, 0.3109, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 58.8213, 0.3109, 0.3524.



This preview shows how white text looks on a background with the Yxy color 58.8213, 0.3109, 0.3524.

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

58.8213, 0.3109, 0.3524

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.7994, 0.3403, 0.3336



Tritanopia

59.0328, 0.2935, 0.3101

Trichromacy



Original Color

58.8213, 0.3109, 0.3524

Protanomaly

58.6745, 0.3234, 0.3495

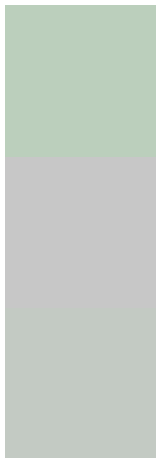
Deuteranomaly

58.4134, 0.3290, 0.3396

Tritanomaly

58.6869, 0.2994, 0.3242

Monochromacy



Original Color

58.8213, 0.3109, 0.3524

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.7833, 0.3123, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8213, 0.3109, 0.3524 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(187, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(187, 207, 188)  
}
```

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(187, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 207, 188) }
```

Border

The CSS property to change the border of an element to Yxy 58.8213, 0.3109, 0.3524 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(187, 207, 188) }
```

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

```
.border{ border-color:rgb(187, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(187, 207,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8213, 0.3109, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 207, 188) }
```

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

```
.background{ background-color: rgb(187,  
207, 188) }
```

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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