

Converting Colors

$Y_{xy}(58.0342, 0.3115, 0.3549)$

Have a look what the booklet for
Yxy(58.0342, 0.3115, 0.3549)
contains.

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Color

Yxy(57.9597, 0.3115, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	B9CEB9
RGB	185, 206, 185
RGB Percent	73%, 81%, 73%
CMY	0.2744, 0.1922, 0.2744
CMYK	0.10, 0.00, 0.10, 0.19
HSL	120°, 18%, 77%
HSV	120°, 10%, 81%
XYZ	50.8433, 57.9597, 54.4178
YIQ	197.3270, -5.7750, -10.9830

Conversions

Conversions Part 2

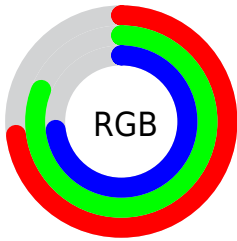
Format	Color
RYB	185, 206, 206
Decimal	12177081
CIELab	80.72, -11.00, 8.04
CIElCh	81, 13.620, 143.845
Yxy	57.9597, 0.3115, 0.3551
Android (android.graphics.Color)	4290367161 (0xFFB9CEB9)
YUV	197.3270, -6.0772, -10.8108
Hunter-Lab	76.1313, -14.0208, 10.9120

Details

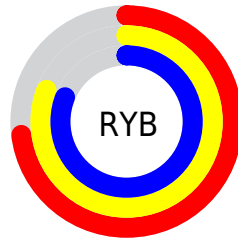
The Yxy color **57.9597, 0.3115, 0.3551** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2825, 0.3139, 0.3042**, and the grayscale version is **56.0879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5716, 0.3121, 0.3428**, and **29.0279, 0.3111, 0.3626** is the 20% darker color. If you saturate the color by 10%, you get **54.7756, 0.3101, 0.3843**, and if you desaturate by 10%, it is **61.6456, 0.3127, 0.3294**.

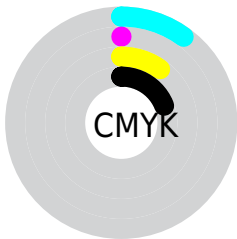
Distribution



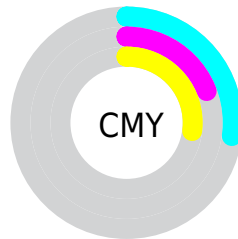
- Red (73%)
- Green (81%)
- Blue (73%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9597, 0.3115, 0.3551 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 57.9597, 0.3115, 0.3551 by changing the saturation by 10% instead.


 57.9597, 0.3115,
0.3551

 57.9597, 0.3115,
0.3551


417.0358, 0.3122,
0.3423

 41.7762, 0.3113,
0.3582


 101.8642, 0.3118,
0.3505

 28.9261, 0.3110,
0.3622


130.3540, 0.3119,
0.3488

 19.0249, 0.3107,
0.3674


163.7147, 0.3119,
0.3473

 11.6883, 0.3101,
0.3746

202.3307, 0.3120,
0.3460

 6.5318, 0.3092,
0.3850

246.5864, 0.3121,
0.3449

 3.1711, 0.3075,
0.4015

296.8663, 0.3121,

 1.2217, 0.3057,

0.3439

0.4346

353.5546, 0.3122,
0.3431

0.0793, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9597, 0.3115,
0.3551

57.9597, 0.3115,
0.3551

54.7756, 0.3101,
0.3843

61.6456, 0.3127,
0.3294

52.0646, 0.3086,
0.4166

65.8459, 0.3137,
0.3071

49.8064, 0.3070,
0.4515

70.5819, 0.3146,
0.2880

47.9764, 0.3053,
0.4874

72.6201, 0.3150,
0.2811

■ 46.5475, 0.3037,
0.5220

■ 45.4897, 0.3023,
0.5526

■ 44.7686, 0.3011,
0.5766

■ 44.3435, 0.3004,
0.5922

■ 44.1408, 0.3000,
0.6000

Harmonies

Analogous

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



57.9597, 0.3290, 0.3602



57.9597, 0.3115, 0.3551



57.9597, 0.2947, 0.3423

Triad

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



57.9597, 0.3115, 0.3551



57.9597, 0.2836, 0.3015



57.9597, 0.3435, 0.3308

Complementary

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



57.9597, 0.3115, 0.3551



52.2825, 0.3139, 0.3042

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.



57.9597, 0.3307, 0.3161



57.9597, 0.3115, 0.3551



57.9597, 0.2960, 0.2994

Square

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



57.9597, 0.3115, 0.3551



57.9597, 0.2788, 0.3110



57.9597, 0.3132, 0.3047



57.9597, 0.3478, 0.3456

Rectangle

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



57.9597, 0.3115, 0.3551



57.9597, 0.2860, 0.3315



57.9597, 0.3132, 0.3047



57.9597, 0.3400, 0.3257

Sweetspot

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



57.9622, 0.3115, 0.3551



98.0956, 0.3124, 0.3364



60.5967, 0.3278, 0.3535



20.8903, 0.3123, 0.3384



0.0000, 0.0000, 0.0000



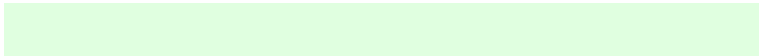
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9622, 0.3115, 0.3551



92.8374, 0.3112, 0.3606



58.4044, 0.3045, 0.3423



12.5373, 0.3116, 0.3529



27.1822, 0.3000, 0.6000



1.4024, 0.3001, 0.6000

Inverse Universe

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



52.2825, 0.3139, 0.3042



82.0035, 0.3141, 0.2993



51.8072, 0.3218, 0.3161



11.4035, 0.3138, 0.3062



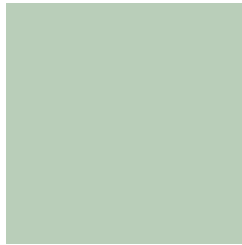
10.8145, 0.3208, 0.1541



0.5580, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 57.9597, 0.3115, 0.3551 looks on a white background.

Color Contrast Check

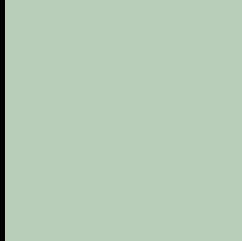
Large Text (above 18pt) WCAG AA × Fail

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 57.9597, 0.3115, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

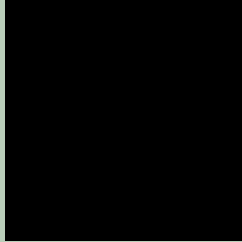
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

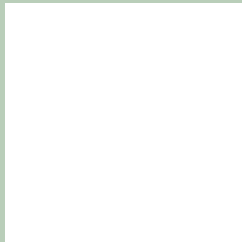
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9597, 0.3115, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 57.9597, 0.3115, 0.3551.

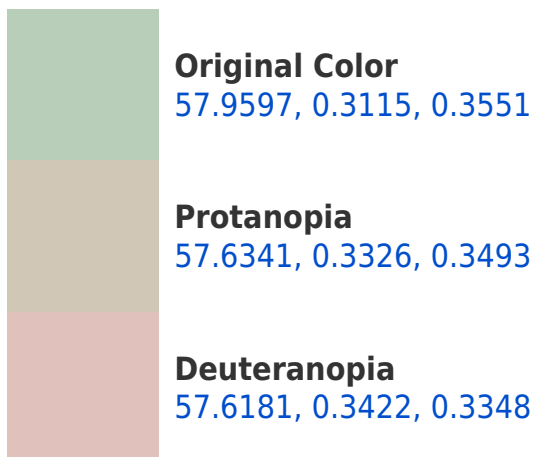


This preview shows how white text looks on a background with the Yxy color 57.9597, 0.3115, 0.3551.

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

57.7302, 0.2933, 0.3099

Trichromacy



Original Color

57.9597, 0.3115, 0.3551

Protanomaly

57.9393, 0.3250, 0.3520

Deuteranomaly

57.6777, 0.3306, 0.3420

Tritanomaly

57.8110, 0.3000, 0.3265

Monochromacy



Original Color

57.9597, 0.3115, 0.3551

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.4963, 0.3123, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9597, 0.3115, 0.3551 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, 206, 185)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 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, 206, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 185) }
```

Border

The CSS property to change the border of an element to Yxy 57.9597, 0.3115, 0.3551 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, 206, 185) }
```

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

```
.border{ border-color:rgb(185, 206, 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, 206, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 206, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 206, 185); box-shadow:4px 4px 4px 4px rgb(185, 206, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9597, 0.3115, 0.3551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 206, 185) }
```

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

```
.background{ background-color: rgb(185,  
206, 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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