

Converting Colors

$Yxy(57.7421, 0.3152, 0.3625)$

Have a look what the booklet for
Yxy(57.7421, 0.3152, 0.3625)
contains.

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Color

Yxy(57.7116, 0.3157, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	B9CEB3
RGB	185, 206, 179
RGB Percent	73%, 81%, 70%
CMY	0.2744, 0.1922, 0.2980
CMYK	0.10, 0.00, 0.13, 0.19
HSL	107°, 22%, 75%
HSV	107°, 13%, 81%
XYZ	50.2193, 57.7116, 51.1419
YIQ	196.6430, -3.8490, -12.8490

Conversions

Conversions Part 2

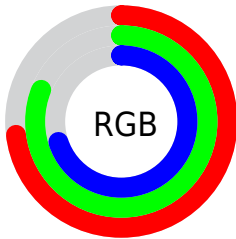
Format	Color
R _{YB}	179, 206, 200
Decimal	12177075
CIE Lab	80.58, -12.07, 11.05
CIE LCh	81, 16.362, 137.528
Yxy	57.7116, 0.3157, 0.3628
Android (android.graphics.Color)	4290367155 (0xFFB9CEB3)
YUV	196.6430, -8.6980, -10.2109
Hunter-Lab	75.9682, -14.9456, 13.2636

Details

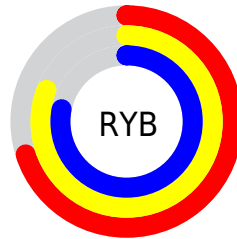
The Yxy color **57.7116, 0.3157, 0.3628** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **48.9752, 0.3092, 0.2965**, and the grayscale version is **55.6668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2189, 0.3155, 0.3488**, and **28.8684, 0.3167, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **55.0612, 0.3177, 0.3919**, and if you desaturate by 10%, it is **60.7157, 0.3134, 0.3366**.

Distribution



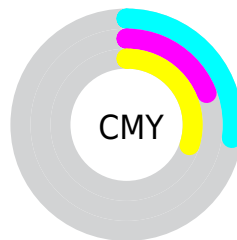
- Red (73%)
- Green (81%)
- Blue (70%)



- Red (70%)
- Yellow (81%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.7116, 0.3157, 0.3628 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 57.7116, 0.3157, 0.3628 by changing the saturation by 10% instead.

■ 57.7116, 0.3157,
0.3628

■ 57.7116, 0.3157,
0.3628

416.1104, 0.3144,
0.3462

■ 41.5768, 0.3160,
0.3669

■ 101.5028, 0.3153,
0.3568

■ 28.7701, 0.3162,
0.3721

129.9280, 0.3151,
0.3545

■ 18.9070, 0.3166,
0.3789

163.2187, 0.3150,
0.3526

■ 11.6031, 0.3169,
0.3883

201.7595, 0.3148,
0.3510

■ 6.4740, 0.3172,
0.4020

245.9347, 0.3147,
0.3495

■ 3.1354, 0.3172,
0.4238

296.1286, 0.3146,

■ 1.2028, 0.3243,

0.3483

0.4766

352.7257, 0.3145,
0.3472

0.0640, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.7116, 0.3157,
0.3628

57.7116, 0.3157,
0.3628

55.0612, 0.3177,
0.3919

60.7157, 0.3134,
0.3366

52.7442, 0.3193,
0.4234

64.0782, 0.3111,
0.3132

50.7494, 0.3203,
0.4565

67.8133, 0.3087,
0.2926

49.0619, 0.3205,
0.4899

71.5126, 0.3107,
0.2805

■ 47.6660, 0.3196,
0.5217

■ 72.6224, 0.3150,
0.2811

■ 46.5443, 0.3176,
0.5498

■ 45.6774, 0.3145,
0.5720

■ 45.0430, 0.3106,
0.5870

■ 44.7211, 0.3079,
0.5937

Harmonies

Analogous

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



57.7116, 0.3362, 0.3666



57.7116, 0.3157, 0.3628



57.7116, 0.2949, 0.3489

Triad

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



57.7116, 0.3157, 0.3628



57.7116, 0.2758, 0.2976



57.7116, 0.3473, 0.3272

Complementary

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



57.7116, 0.3157, 0.3628



48.9752, 0.3092, 0.2965

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.



57.7116, 0.3301, 0.3102



57.7116, 0.3157, 0.3628



57.7116, 0.2888, 0.2933

Square

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



57.7116, 0.3157, 0.3628



57.7116, 0.2723, 0.3106



57.7116, 0.3086, 0.2980



57.7116, 0.3549, 0.3452

Rectangle

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



57.7116, 0.3157, 0.3628



57.7116, 0.2836, 0.3361



57.7116, 0.3086, 0.2980



57.7116, 0.3424, 0.3212

Sweetspot

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



57.7141, 0.3157, 0.3628



97.8878, 0.3137, 0.3389



57.5466, 0.3331, 0.3539



20.8693, 0.3138, 0.3408



0.0000, 0.0000, 0.0000



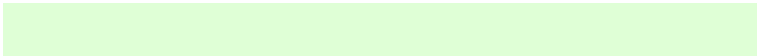
21.4041, 0.3127, 0.3290

Same Dimension

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



57.7141, 0.3157, 0.3628



92.1198, 0.3164, 0.3715



57.2804, 0.3061, 0.3539



12.6555, 0.3149, 0.3527



27.5738, 0.3087, 0.5931



1.4573, 0.3226, 0.5820

Inverse Universe

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



48.9752, 0.3092, 0.2965



74.9905, 0.3082, 0.2885



49.4780, 0.3200, 0.3053



11.2728, 0.3103, 0.3059



7.3964, 0.2655, 0.1236



0.4135, 0.2769, 0.1299

Previews

White Background



This preview shows how the Yxy color 57.7116, 0.3157, 0.3628 looks on a white background.

Color Contrast Check

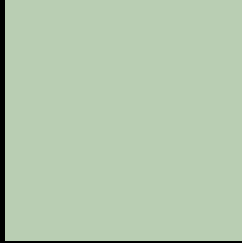
Large Text (above 18pt) WCAG AA × Fail

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 57.7116, 0.3157, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

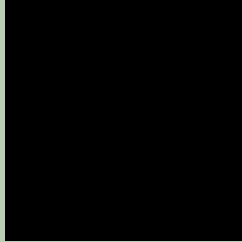
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

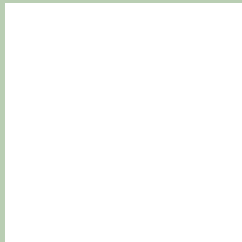
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.7116, 0.3157, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 57.7116, 0.3157, 0.3628.



This preview shows how white text looks on a background with the Yxy color 57.7116, 0.3157, 0.3628.

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

57.7116, 0.3157, 0.3628

Protanopia

57.4973, 0.3388, 0.3577

Deuteranopia

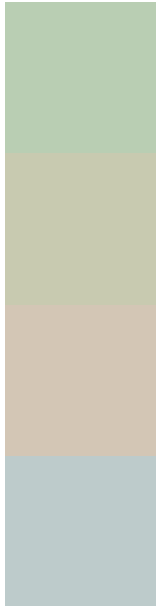
57.6861, 0.3487, 0.3416



Tritanopia

57.8594, 0.2941, 0.3099

Trichromacy



Original Color

57.7116, 0.3157, 0.3628

Protanomaly

57.6550, 0.3302, 0.3607

Deuteranomaly

57.5732, 0.3360, 0.3492

Tritanomaly

57.8425, 0.3021, 0.3290

Monochromacy



Original Color

57.7116, 0.3157, 0.3628

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.3637, 0.3145, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.7116, 0.3157, 0.3628 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, 179)` looks like.

```
.text, #text, p{  
    color:rgb(185, 206, 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(185, 206, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 206, 179) }
```

Border

The CSS property to change the border of an element to Yxy 57.7116, 0.3157, 0.3628 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, 179) }
```

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

```
.border{ border-color:rgb(185, 206, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 206, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 206, 179);  
box-shadow:4px 4px 4px 4px rgb(185, 206,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 57.7116, 0.3157, 0.3628 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, 179) }
```

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

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