

Converting Colors

Yxy(58.5361, 0.3072, 0.3501)

Have a look what the booklet for
Yxy(58.5361, 0.3072, 0.3501)
contains.

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Color

Yxy(58.5337, 0.3072, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	B8CFBE
RGB	184, 207, 190
RGB Percent	72%, 81%, 75%
CMY	0.2787, 0.1881, 0.2550
CMYK	0.11, 0.00, 0.08, 0.19
HSL	136°, 19%, 77%
HSV	136°, 11%, 81%
XYZ	51.3612, 58.5337, 57.2965
YIQ	198.1850, -8.2510, -10.1630

Conversions

Conversions Part 2

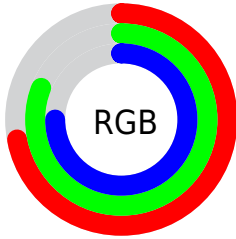
Format	Color
RYB	184, 202, 207
Decimal	12111806
CIELab	81.03, -11.00, 5.83
CIELCh	81, 12.447, 152.053
Yxy	58.5337, 0.3072, 0.3501
Android (android.graphics.Color)	4290301886 (0xFFB8CFBE)
YUV	198.1850, -4.0352, -12.4402
Hunter-Lab	76.5073, -14.0565, 9.1527

Details

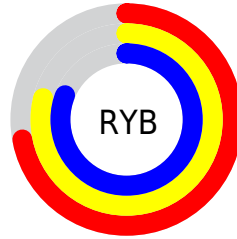
The Yxy color **58.5337, 0.3072, 0.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7391, 0.3187, 0.3088**, and the grayscale version is **56.6136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6991, 0.3086, 0.3378**, and **29.4139, 0.3055, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **55.5315, 0.3023, 0.3716**, and if you desaturate by 10%, it is **61.9850, 0.3121, 0.3310**.

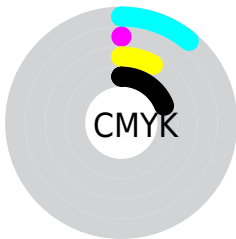
Distribution



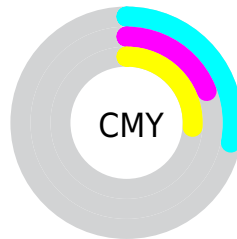
- Red (72%)
- Green (81%)
- Blue (75%)



- Red (72%)
- Yellow (79%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (8%)
- Black (19%)





- Cyan (28%)
- Magenta (19%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.5337, 0.3072, 0.3501 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 58.5337, 0.3072, 0.3501 by changing the saturation by 10% instead.

 58.5337, 0.3072,
0.3501

 58.5337, 0.3072,
0.3501


419.1717, 0.3099,
0.3398

 42.2379, 0.3065,
0.3526


 102.6996, 0.3082,
0.3464

 29.2876, 0.3057,
0.3558


131.3385, 0.3086,
0.3450

 19.2985, 0.3045,
0.3599


164.8606, 0.3089,
0.3438

 11.8862, 0.3030,
0.3656

203.6501, 0.3091,
0.3428

 6.6662, 0.3006,
0.3739

248.0916, 0.3094,
0.3419

 3.2542, 0.2969,
0.3870

298.5695, 0.3096,

 1.2659, 0.2900,

0.3411

0.4107

355.4680, 0.3098,
0.3404

■ 0.1145, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 58.5337, 0.3072,
0.3501

■ 58.5337, 0.3072,
0.3501

■ 55.5315, 0.3023,
0.3716

■ 61.9850, 0.3121,
0.3310

■ 52.9527, 0.2976,
0.3954

■ 65.8951, 0.3170,
0.3143

■ 50.7800, 0.2934,
0.4213

■ 70.2830, 0.3217,
0.2997

■ 48.9922, 0.2900,
0.4488

■ 72.8680, 0.3176,
0.2858

■ 47.5663, 0.2876,
0.4770

■ 73.1167, 0.3149,
0.2821

■ 46.4765, 0.2866,
0.5048

■ 45.6935, 0.2870,
0.5306

■ 45.1827, 0.2890,
0.5530

■ 44.9052, 0.2915,
0.5694

Harmonies

Analogous

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



58.5337, 0.3234, 0.3569



58.5337, 0.3072, 0.3501



58.5337, 0.2927, 0.3372

Triad

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



58.5337, 0.3072, 0.3501



58.5337, 0.2886, 0.3027



58.5337, 0.3427, 0.3345

Complementary

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



58.5337, 0.3072, 0.3501



51.7391, 0.3187, 0.3088

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.



58.5337, 0.3329, 0.3207



58.5337, 0.3072, 0.3501



58.5337, 0.3015, 0.3026

Square

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



58.5337, 0.3072, 0.3501



58.5337, 0.2822, 0.3097



58.5337, 0.3177, 0.3092



58.5337, 0.3442, 0.3474

Rectangle

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



58.5337, 0.3072, 0.3501



58.5337, 0.2859, 0.3272



58.5337, 0.3177, 0.3092



58.5337, 0.3402, 0.3299

Sweetspot

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



58.5362, 0.3072, 0.3501



98.2195, 0.3112, 0.3345



60.5470, 0.3247, 0.3567



20.9236, 0.3108, 0.3360



0.0000, 0.0000, 0.0000



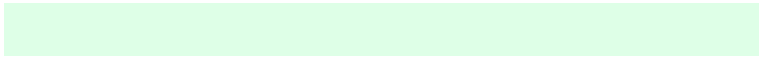
21.4041, 0.3127, 0.3290

Same Dimension

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



58.5362, 0.3072, 0.3501



92.7692, 0.3062, 0.3542



59.0480, 0.2996, 0.3360



13.2564, 0.3081, 0.3466



28.2987, 0.2909, 0.5671



1.5955, 0.2805, 0.5299

Inverse Universe

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



51.7391, 0.3187, 0.3088



80.0961, 0.3199, 0.3050



51.2282, 0.3278, 0.3221



11.9540, 0.3177, 0.3120



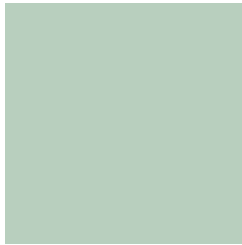
9.8183, 0.3999, 0.1977



0.5616, 0.3823, 0.1880

Previews

White Background



This preview shows how the Yxy color 58.5337, 0.3072, 0.3501 looks on a white background.

Color Contrast Check

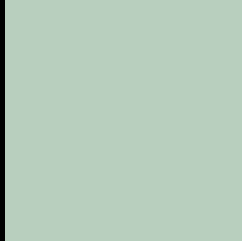
Large Text (above 18pt) WCAG AA × Fail

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 58.5337, 0.3072, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

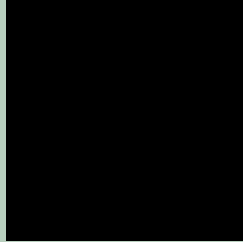
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

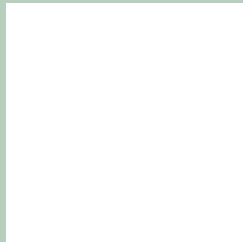
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.5337, 0.3072, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 58.5337, 0.3072, 0.3501.



This preview shows how white text looks on a background with the Yxy color 58.5337, 0.3072, 0.3501.

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

58.5337, 0.3072, 0.3501

Protanopia

58.2636, 0.3294, 0.3456

Deuteranopia

58.1218, 0.3372, 0.3302



Tritanopia

58.6452, 0.2914, 0.3100

Trichromacy



Original Color

58.5337, 0.3072, 0.3501

Protanomaly

58.4418, 0.3211, 0.3483

Deuteranomaly

58.2079, 0.3258, 0.3373

Tritanomaly

58.3046, 0.2973, 0.3241

Monochromacy



Original Color

58.5337, 0.3072, 0.3501

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.0509, 0.3108, 0.3363

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.5337, 0.3072, 0.3501 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(184, 207, 190)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 190)  
}
```

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(184, 207, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 190) }
```

Border

The CSS property to change the border of an element to Yxy 58.5337, 0.3072, 0.3501 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(184, 207, 190) }
```

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

```
.border{ border-color:rgb(184, 207, 190) }
```

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

Here you see how a box with a 4 pixel rgb(184, 207, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 190);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5337, 0.3072, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 190) }
```

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

```
.background{ background-color: rgb(184,  
207, 190) }
```

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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