

Converting Colors

Yxy(57.9959, 0.3191, 0.3704)

Have a look what the booklet for
Yxy(57.9959, 0.3191, 0.3704)
contains.

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Color

Yxy(57.9959, 0.3191, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	B9CFAE
RGB	185, 207, 174
RGB Percent	73%, 81%, 68%
CMY	0.2745, 0.1882, 0.3176
CMYK	0.11, 0.00, 0.16, 0.19
HSL	100°, 26%, 75%
HSV	100°, 16%, 81%
XYZ	49.9635, 57.9959, 48.6170
YIQ	196.6600, -2.5190, -14.9270

Conversions

Conversions Part 2

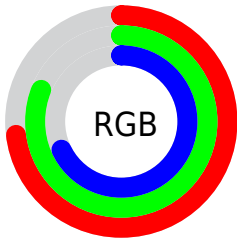
Format	Color
RYB	174, 207, 196
Decimal	12177326
CIELab	80.74, -13.44, 13.92
CIELCh	81, 19.350, 133.986
Yxy	57.9959, 0.3191, 0.3704
Android (android.graphics.Color)	4290367406 (0xFFB9CFAE)
YUV	196.6600, -11.1714, -10.2258
Hunter-Lab	76.1550, -16.1617, 15.4581

Details

The Yxy color **57.9959, 0.3191, 0.3704** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5246, 0.3052, 0.2888**, and the grayscale version is **55.6918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.9339, 0.3184, 0.3539**, and **29.0931, 0.3202, 0.3815** is the 20% darker color. If you saturate the color by 10%, you get **55.6175, 0.3228, 0.3996**, and if you desaturate by 10%, it is **60.6704, 0.3151, 0.3436**.

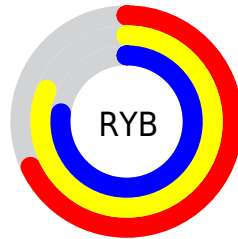
Distribution



Red (73%)

Green (81%)

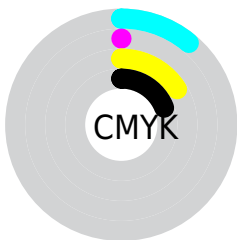
Blue (68%)



Red (68%)

Yellow (81%)

Blue (77%)

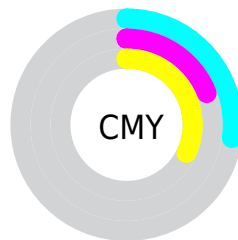


Cyan (11%)

Magenta (0%)

Yellow (16%)

Black (19%)



Cyan (27%)


Magenta (19%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.9959, 0.3191, 0.3704 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 57.9959, 0.3191, 0.3704 by changing the saturation by 10% instead.


 57.9959, 0.3191,
0.3704

 57.9959, 0.3191,
0.3704


417.1707, 0.3163,
0.3500

 41.8054, 0.3197,
0.3754

 101.9169, 0.3181,
0.3630

 28.9489, 0.3204,
0.3818


130.4161, 0.3178,
0.3603

 19.0422, 0.3213,
0.3902


163.7870, 0.3174,
0.3579

 11.7008, 0.3223,
0.4017

202.4140, 0.3171,
0.3559

 6.5403, 0.3234,
0.4186

246.6815, 0.3169,
0.3541

 3.1763, 0.3244,
0.4453

296.9738, 0.3167,

 1.2244, 0.3416,

0.3526

0.5217

353.6754, 0.3165,
0.3512

0.0815, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

57.9959, 0.3191,
0.3704

57.9959, 0.3191,
0.3704

55.6175, 0.3228,
0.3996

60.6704, 0.3151,
0.3436

53.5174, 0.3259,
0.4307


63.6434, 0.3111,
0.3195


51.6870, 0.3282,
0.4627


66.9268, 0.3070,
0.2979


50.1144, 0.3294,
0.4944


70.4114, 0.3043,
0.2806


 48.7868, 0.3290,
0.5240


 72.9233, 0.3142,
0.2820

 47.6901, 0.3271,
0.5495

 73.1061, 0.3149,
0.2821

 46.8084, 0.3235,
0.5694

 46.1231, 0.3187,
0.5826

 45.8895, 0.3166,
0.5868

Harmonies

Analogous

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



57.9959, 0.3429, 0.3732



57.9959, 0.3191, 0.3704



57.9959, 0.2943, 0.3551

Triad

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



57.9959, 0.3191, 0.3704



57.9959, 0.2682, 0.2933



57.9959, 0.3517, 0.3242

Complementary

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



57.9959, 0.3191, 0.3704



46.5246, 0.3052, 0.2888

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.



57.9959, 0.3303, 0.3049



57.9959, 0.3191, 0.3704



57.9959, 0.2822, 0.2872

Square

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



57.9959, 0.3191, 0.3704



57.9959, 0.2656, 0.3094



57.9959, 0.3047, 0.2915



57.9959, 0.3623, 0.3454

Rectangle

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



57.9959, 0.3191, 0.3704



57.9959, 0.2804, 0.3402



57.9959, 0.3047, 0.2915



57.9959, 0.3455, 0.3173

Sweetspot

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



57.9984, 0.3191, 0.3704



97.6287, 0.3148, 0.3414



55.8063, 0.3384, 0.3556



20.8274, 0.3151, 0.3432



0.0000, 0.0000, 0.0000



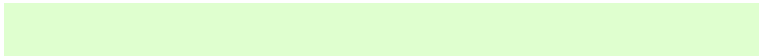
21.4041, 0.3127, 0.3290

Same Dimension

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



57.9984, 0.3191, 0.3704



91.6415, 0.3204, 0.3798



56.9033, 0.3070, 0.3642



13.3948, 0.3165, 0.3527



28.9586, 0.3176, 0.5860



1.6622, 0.3321, 0.5745

Inverse Universe

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



46.5246, 0.3052, 0.2888



69.9545, 0.3034, 0.2800



47.7879, 0.3190, 0.2962



11.8036, 0.3085, 0.3057



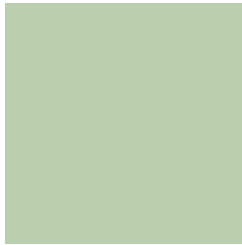
6.2989, 0.2390, 0.1090



0.3946, 0.2543, 0.1174

Previews

White Background



This preview shows how the Yxy color 57.9959, 0.3191, 0.3704 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 57.9959, 0.3191, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

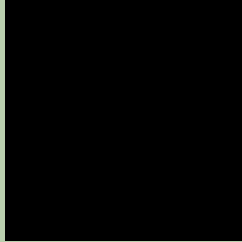
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

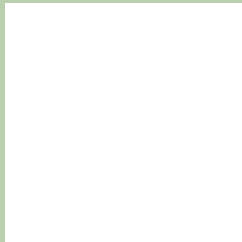
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.9959, 0.3191, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 57.9959, 0.3191, 0.3704.



This preview shows how white text looks on a background with the Yxy color 57.9959, 0.3191, 0.3704.

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

57.9959, 0.3191, 0.3704

Protanopia

57.9125, 0.3433, 0.3648

Deuteranopia

57.8082, 0.3545, 0.3473



Tritanopia

57.9895, 0.2948, 0.3100

Trichromacy



Original Color

57.9959, 0.3191, 0.3704

Protanomaly

58.0697, 0.3345, 0.3680

Deuteranomaly

57.5198, 0.3407, 0.3551

Tritanomaly

57.7477, 0.3035, 0.3314

Monochromacy



Original Color

57.9959, 0.3191, 0.3704

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.7849, 0.3151, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.9959, 0.3191, 0.3704 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, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(185, 207, 174)  
}
```

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, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 207, 174) }
```

Border

The CSS property to change the border of an element to Yxy 57.9959, 0.3191, 0.3704 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, 207, 174) }
```

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

```
.border{ border-color:rgb(185, 207, 174) }
```

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

Here you see how a box with a 4 pixel rgb(185, 207, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(185, 207,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 57.9959, 0.3191, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 207, 174) }
```

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

```
.background{ background-color: rgb(185,  
207, 174) }
```

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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