

Converting Colors

$Yxy(74.1654, 0.3056, 0.3596)$

Have a look what the booklet for
Yxy(74.1654, 0.3056, 0.3596)
contains.

Yxy(73.9913, 0.3059, 0.3598)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9913, 0.3059, 0.3598)

Conversions

Conversions Part 1

Format	Color
Hex	C5E8CD
RGB	197, 232, 205
RGB Percent	77%, 91%, 80%
CMY	0.2274, 0.0902, 0.1959
CMYK	0.15, 0.00, 0.12, 0.09
HSL	134°, 43%, 84%
HSV	134°, 15%, 91%
XYZ	62.9070, 73.9913, 68.7473
YIQ	218.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

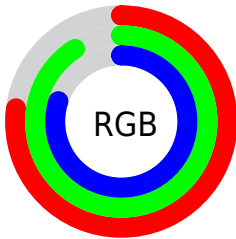
Format	Color
RYB	197, 225, 232
Decimal	12970189
CIELab	88.92, -16.50, 9.32
CIELCh	89, 18.947, 150.549
Yxy	73.9913, 0.3059, 0.3598
Android (android.graphics.Color)	4291160269 (0xFFC5E8CD)
YUV	218.4570, -6.6343, -18.8178
Hunter-Lab	86.0182, -19.9909, 12.8271

Details

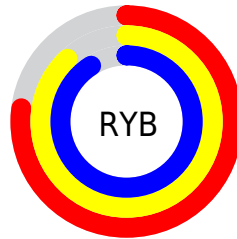
The Yxy color **73.9913, 0.3059, 0.3598** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.4725, 0.3203, 0.3000**, and the grayscale version is **70.5002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **39.1247, 0.3041, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **70.2848, 0.3015, 0.3834**, and if you desaturate by 10%, it is **78.2846, 0.3104, 0.3387**.

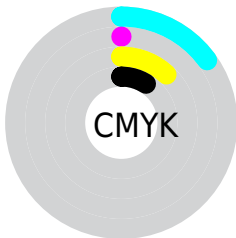
Distribution



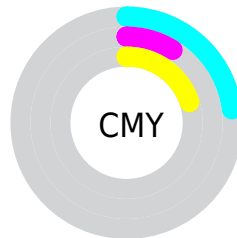
- Red (77%)
- Green (91%)
- Blue (80%)



- Red (77%)
- Yellow (88%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)





- Cyan (23%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9913, 0.3059, 0.3598 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 73.9913, 0.3059, 0.3598 by changing the saturation by 10% instead.


 73.9913, 0.3059,
0.3598

 73.9913, 0.3059,
0.3598


474.4433, 0.3092,
0.3453

 54.7869, 0.3051,
0.3632


124.8835, 0.3071,
0.3547

 39.2311, 0.3041,
0.3674


157.3401, 0.3075,
0.3527

 26.9396, 0.3028,
0.3729


194.9828, 0.3079,
0.3510

 17.5279, 0.3010,
0.3801

238.1962, 0.3082,
0.3496

 10.6116, 0.2985,
0.3901

287.3645, 0.3085,
0.3483

 5.8063, 0.2947,
0.4050


342.8722, 0.3088,

 2.7276, 0.2881,


0.3472


0.4295


405.1037, 0.3090,
0.3462


 0.9913, 0.2746,
0.5082


 0.0000, 0.0000,
0.0000


 73.9913, 0.3059,
0.3598

 73.9913, 0.3059,
0.3598


 70.2848, 0.3015,
0.3834


 78.2846, 0.3104,
0.3387

 67.1306, 0.2973,
0.4095

 83.1791, 0.3149,
0.3202

 64.5045, 0.2937,
0.4376

 86.1933, 0.3138,
0.3068

 62.3771, 0.2908,
0.4668

■ 60.7160, 0.2891,
0.4962

■ 59.4849, 0.2888,
0.5240

■ 58.6416, 0.2899,
0.5487

■ 58.1354, 0.2922,
0.5688

■ 57.9726, 0.2936,
0.5768

Harmonies

Analogous

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



73.9913, 0.3287, 0.3689



73.9913, 0.3059, 0.3598



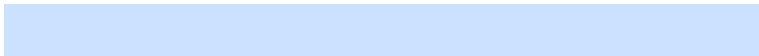
73.9913, 0.2855, 0.3415

Triad

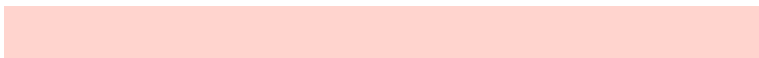
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9913, 0.3059, 0.3598



73.9913, 0.2783, 0.2924



73.9913, 0.3546, 0.3354

Complementary

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



73.9913, 0.3059, 0.3598



62.4725, 0.3203, 0.3000

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.



73.9913, 0.3401, 0.3164



73.9913, 0.3059, 0.3598



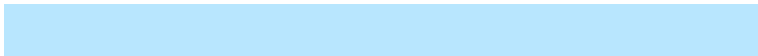
73.9913, 0.2958, 0.2921

Square

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



73.9913, 0.3059, 0.3598



73.9913, 0.2700, 0.3023



73.9913, 0.3184, 0.3008



73.9913, 0.3573, 0.3536

Rectangle

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



73.9913, 0.3059, 0.3598



73.9913, 0.2758, 0.3272



73.9913, 0.3184, 0.3008



73.9913, 0.3509, 0.3290

Sweetspot

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



73.9944, 0.3059, 0.3598



97.0448, 0.3105, 0.3386



77.6592, 0.3299, 0.3670



20.6860, 0.3101, 0.3400



0.0000, 0.0000, 0.0000



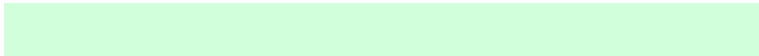
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9944, 0.3059, 0.3598



90.2378, 0.3045, 0.3667



74.8633, 0.2956, 0.3401



16.1431, 0.3085, 0.3476



32.2000, 0.2929, 0.5743



2.3935, 0.2853, 0.5469

Inverse Universe

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



62.4725, 0.3203, 0.3000



73.4700, 0.3221, 0.2941



61.5935, 0.3332, 0.3182



14.5557, 0.3173, 0.3111



11.3458, 0.3889, 0.1916



0.8523, 0.3769, 0.1850

Previews

White Background



This preview shows how the Yxy color 73.9913, 0.3059, 0.3598 looks on a white background.

Color Contrast Check

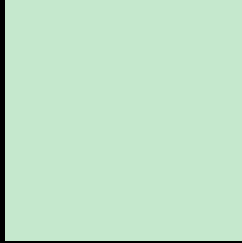
Large Text (above 18pt) WCAG AA × Fail

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 73.9913, 0.3059, 0.3598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

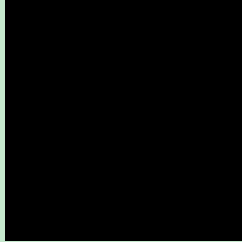
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

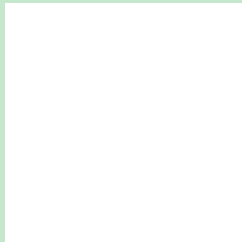
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9913, 0.3059, 0.3598

Background



This preview shows how black text looks on a background with the Yxy color 73.9913, 0.3059, 0.3598.

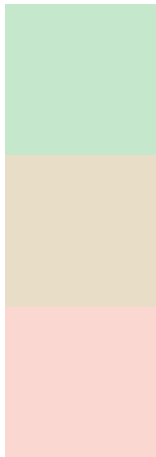


This preview shows how white text looks on a background with the Yxy color 73.9913, 0.3059, 0.3598.

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

73.9913, 0.3059, 0.3598

Protanopia

73.5685, 0.3348, 0.3527

Deuteranopia

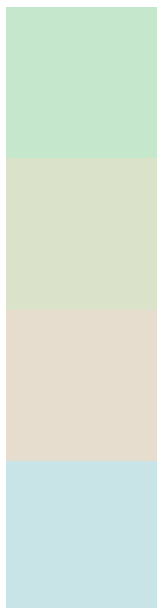
73.4789, 0.3438, 0.3363



Tritanopia

73.7617, 0.2870, 0.3094

Trichromacy



Original Color

73.9913, 0.3059, 0.3598

Protanomaly

73.7170, 0.3235, 0.3555

Deuteranomaly

73.2068, 0.3294, 0.3441

Tritanomaly

73.6175, 0.2934, 0.3267

Monochromacy



Original Color

73.9913, 0.3059, 0.3598

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.2811, 0.3101, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9913, 0.3059, 0.3598 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(197, 232, 205)` looks like.

```
.text, #text, p{  
    color:rgb(197, 232, 205)  
}
```

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(197, 232, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 232, 205) }
```

Border

The CSS property to change the border of an element to Yxy 73.9913, 0.3059, 0.3598 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(197, 232, 205) }
```

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

```
.border{ border-color:rgb(197, 232, 205) }
```

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

Here you see how a box with a 4 pixel rgb(197, 232, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 232, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 232, 205);  
box-shadow:4px 4px 4px 4px rgb(197, 232,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9913, 0.3059, 0.3598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 232, 205) }
```

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

```
.background{ background-color: rgb(197,  
232, 205) }
```

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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