

Converting Colors

$Yxy(79.3229, 0.2995, 0.3637)$

Have a look what the booklet for
Yxy(79.3229, 0.2995, 0.3637)
contains.

Yxy(79.5449, 0.2997, 0.3639)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.5449, 0.2997, 0.3639)

Conversions

Conversions Part 1

Format	Color
Hex	C1F2D3
RGB	193, 242, 211
RGB Percent	76%, 95%, 83%
CMY	0.2430, 0.0510, 0.1725
CMYK	0.20, 0.00, 0.13, 0.05
HSL	142°, 65%, 85%
HSV	142°, 20%, 95%
XYZ	65.5114, 79.5449, 73.5337
YIQ	223.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

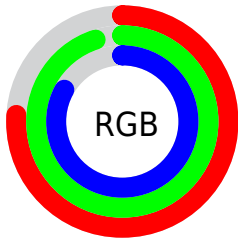
Format	Color
R _{YB}	193, 229, 242
Decimal	12710611
CIE Lab	91.48, -21.61, 9.84
CIE LCh	91, 23.744, 155.517
Yxy	79.5449, 0.2997, 0.3639
Android (android.graphics.Color)	4290900691 (0xFFC1F2D3)
YUV	223.8150, -6.3178, -27.0248
Hunter-Lab	89.1879, -24.9649, 13.5481

Details

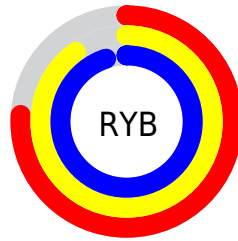
The Yxy color **79.5449, 0.2997, 0.3639** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.4201, 0.3285, 0.2965**, and the grayscale version is **74.4665, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **43.0071, 0.2970, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **75.8906, 0.2937, 0.3842**, and if you desaturate by 10%, it is **83.7995, 0.3061, 0.3456**.

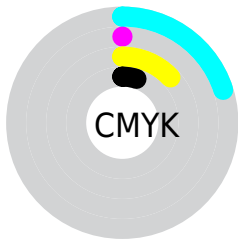
Distribution



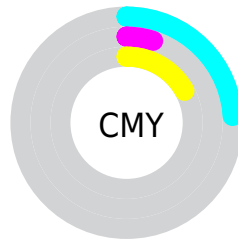
- Red (76%)
- Green (95%)
- Blue (83%)



- Red (76%)
- Yellow (90%)
- Blue (95%)



- Cyan (20%)
- Magenta (0%)
- Yellow (13%)
- Black (5%)




- Cyan (24%)
- Magenta (5%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.5449, 0.2997, 0.3639 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 79.5449, 0.2997, 0.3639 by changing the saturation by 10% instead.

 79.5449, 0.2997,
0.3639

 79.5449, 0.2997,
0.3639

493.3978, 0.3058,
0.3476

 59.3439, 0.2983,
0.3677


 132.7257, 0.3019,
0.3582

 42.8900, 0.2965,
0.3724


166.4743, 0.3027,
0.3560

 29.7988, 0.2942,
0.3783


205.5076, 0.3034,
0.3541

 19.6860, 0.2912,
0.3862

250.2099, 0.3040,
0.3525

 12.1670, 0.2870,
0.3971

300.9657, 0.3046,
0.3510

 6.8575, 0.2808,
0.4130

358.1594, 0.3050,

 3.3731, 0.2708,

0.3497

0.4384

422.1753, 0.3055,
0.3486

1.3295, 0.2515,
0.4913

0.1639, 0.0000,
1.0000

79.5449, 0.2997,
0.3639

79.5449, 0.2997,
0.3639

75.8906, 0.2937,
0.3842

83.7995, 0.3061,
0.3456

72.7993, 0.2883,
0.4064

88.6699, 0.3126,
0.3293

70.2448, 0.2838,
0.4301

91.9811, 0.3133,
0.3165

68.1949, 0.2806,
0.4547

■ 66.6136, 0.2791,
0.4796

■ 65.4601, 0.2793,
0.5037

■ 64.6860, 0.2814,
0.5259

■ 64.2192, 0.2848,
0.5451

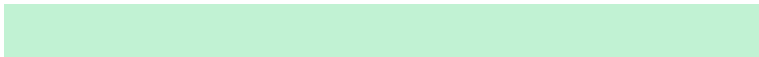
Harmonies

Analogous

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



79.5449, 0.3275, 0.3773



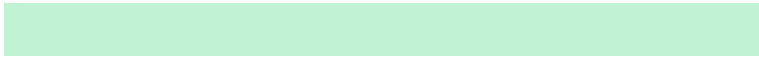
79.5449, 0.2997, 0.3639



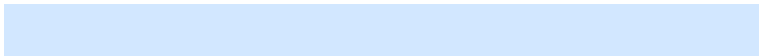
79.5449, 0.2761, 0.3399

Triad

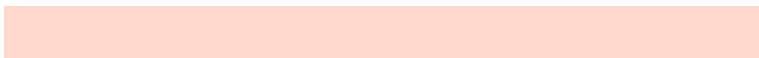
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.5449, 0.2997, 0.3639



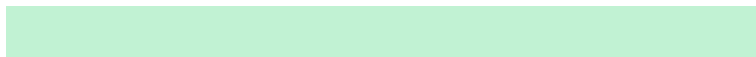
79.5449, 0.2736, 0.2837



79.5449, 0.3657, 0.3404

Complementary

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



79.5449, 0.2997, 0.3639



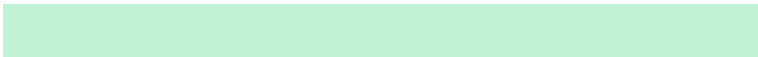
62.4201, 0.3285, 0.2965

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.



79.5449, 0.3500, 0.3172



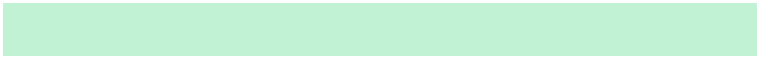
79.5449, 0.2997, 0.3639



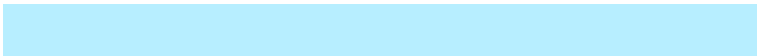
79.5449, 0.2962, 0.2854

Square

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



79.5449, 0.2997, 0.3639



79.5449, 0.2616, 0.2935



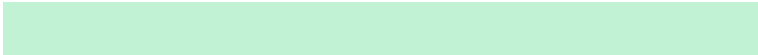
79.5449, 0.3242, 0.2975



79.5449, 0.3664, 0.3619

Rectangle

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



79.5449, 0.2997, 0.3639



79.5449, 0.2657, 0.3222



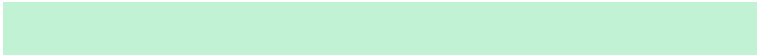
79.5449, 0.3242, 0.2975



79.5449, 0.3620, 0.3326

Sweetspot

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



79.5482, 0.2997, 0.3639



96.6046, 0.3088, 0.3385



83.2082, 0.3308, 0.3815



20.6016, 0.3084, 0.3396



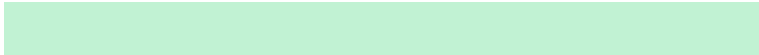
0.0000, 0.0000, 0.0000



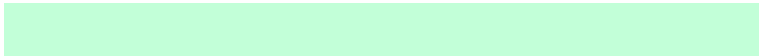
21.4041, 0.3127, 0.3290

Same Dimension

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



79.5482, 0.2997, 0.3639



87.9342, 0.2973, 0.3715



80.8699, 0.2860, 0.3361



17.7523, 0.3066, 0.3443



34.5248, 0.2839, 0.5421



2.8907, 0.2765, 0.5155

Inverse Universe

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



62.4201, 0.3285, 0.2965



65.6116, 0.3321, 0.2901



61.1867, 0.3478, 0.3221



15.9273, 0.3194, 0.3142



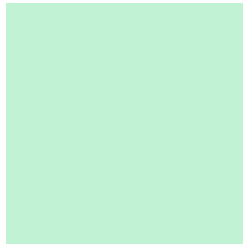
11.4072, 0.4406, 0.2201



0.9681, 0.4206, 0.2091

Previews

White Background



This preview shows how the Yxy color 79.5449, 0.2997, 0.3639 looks on a white background.

Color Contrast Check

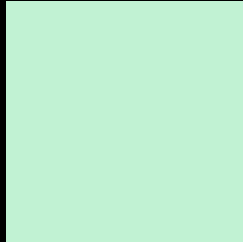
Large Text (above 18pt) WCAG AA × Fail

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 79.5449, 0.2997, 0.3639 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

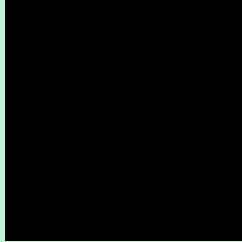
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

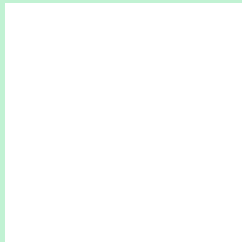
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5449, 0.2997, 0.3639

Background



This preview shows how black text looks on a background with the Yxy color 79.5449, 0.2997, 0.3639.

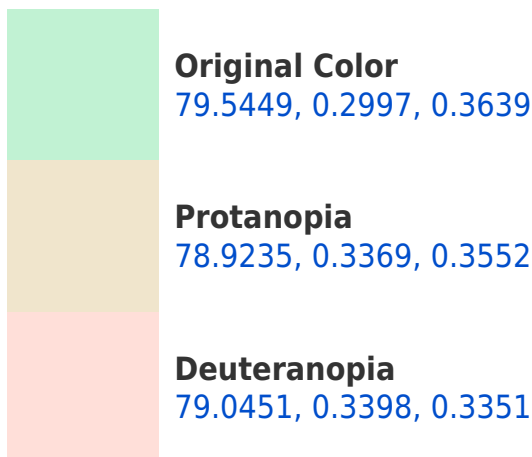


This preview shows how white text looks on a background with the Yxy color 79.5449, 0.2997, 0.3639.

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

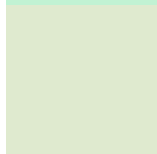
79.6284, 0.2797, 0.3087

Trichromacy



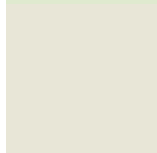
Original Color

79.5449, 0.2997, 0.3639



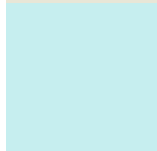
Protanomaly

79.0386, 0.3222, 0.3581



Deuteranomaly

78.6557, 0.3238, 0.3449



Tritanomaly

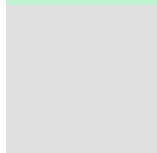
79.3868, 0.2868, 0.3278

Monochromacy



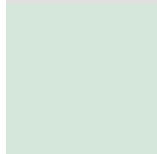
Original Color

79.5449, 0.2997, 0.3639



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.4124, 0.3080, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5449, 0.2997, 0.3639 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(193, 242, 211)` looks like.

```
.text, #text, p{  
    color:rgb(193, 242, 211)  
}
```

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(193, 242, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 242, 211) }
```

Border

The CSS property to change the border of an element to Yxy 79.5449, 0.2997, 0.3639 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(193, 242, 211) }
```

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

```
.border{ border-color:rgb(193, 242, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 242, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 242, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 242, 211);  
box-shadow:4px 4px 4px 4px rgb(193, 242,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5449, 0.2997, 0.3639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 242, 211) }
```

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

```
.background{ background-color: rgb(193,  
242, 211) }
```

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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