

Converting Colors

$Yxy(79.8731, 0.3057, 0.3897)$

Have a look what the booklet for
Yxy(79.8731, 0.3057, 0.3897)
contains.

Yxy(79.5942, 0.3055, 0.3889)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.5942, 0.3055, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	BAF5C1
RGB	186, 245, 193
RGB Percent	73%, 96%, 76%
CMY	0.2707, 0.0392, 0.2430
CMYK	0.24, 0.00, 0.21, 0.04
HSL	127°, 75%, 85%
HSV	127°, 24%, 96%
XYZ	62.5251, 79.5942, 62.5456
YIQ	221.4310, -18.4720, -28.6800

Conversions

Conversions Part 2

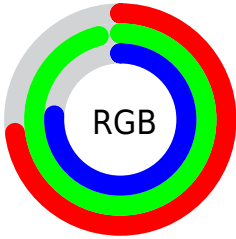
Format	Color
RYB	186, 239, 245
Decimal	12252609
CIELab	91.50, -28.52, 19.09
CIELCh	92, 34.322, 146.198
Yxy	79.5942, 0.3055, 0.3889
Android (android.graphics.Color)	4290442689 (0xFFBAF5C1)
YUV	221.4310, -14.0165, -31.0730
Hunter-Lab	89.2156, -31.0287, 20.8850

Details

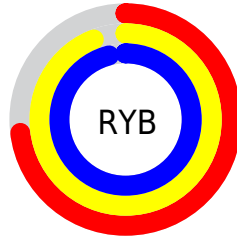
The Yxy color **79.5942, 0.3055, 0.3889** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.6861, 0.3208, 0.2757**, and the grayscale version is **72.7346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4768, 0.3082, 0.3339**, and **42.7361, 0.3037, 0.4036** is the 20% darker color. If you saturate the color by 10%, you get **75.8946, 0.3026, 0.4187**, and if you desaturate by 10%, it is **83.9669, 0.3085, 0.3619**.

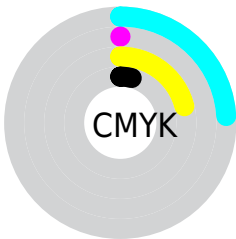
Distribution



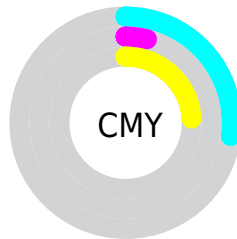
- Red (73%)
- Green (96%)
- Blue (76%)



- Red (73%)
- Yellow (94%)
- Blue (96%)



- Cyan (24%)
- Magenta (0%)
- Yellow (21%)
- Black (4%)




- Cyan (27%)
- Magenta (4%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.5942, 0.3055, 0.3889 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 79.5942, 0.3055, 0.3889 by changing the saturation by 10% instead.


 79.5942, 0.3055,
0.3889

 79.5942, 0.3055,
0.3889


493.5642, 0.3094,
0.3605

 59.3845, 0.3045,
0.3955


 132.7950, 0.3069,
0.3789

 42.9227, 0.3032,
0.4038


166.5550, 0.3075,
0.3751

 29.8245, 0.3014,
0.4145


205.6004, 0.3079,
0.3718

 19.7054, 0.2989,
0.4285

250.3158, 0.3083,
0.3689

 12.1811, 0.2951,
0.4481

301.0854, 0.3086,
0.3664

 6.8671, 0.2890,
0.4769


358.2938, 0.3089,


 3.3791, 0.2777,

0.3642


0.5230


422.3252, 0.3091,
0.3623

 1.3327, 0.2708,
0.7020


 0.1663, 0.0000,
1.0000


 79.5942, 0.3055,
0.3889


 79.5942, 0.3055,
0.3889

 75.8946, 0.3026,
0.4187


 83.9669, 0.3085,
0.3619

 72.8252, 0.2999,
0.4506

 89.0332, 0.3115,
0.3379

 70.3536, 0.2977,
0.4835

 93.7905, 0.3132,
0.3194

 68.4406, 0.2962,
0.5156

■ 67.0421, 0.2956,
0.5447

■ 66.1075, 0.2959,
0.5686

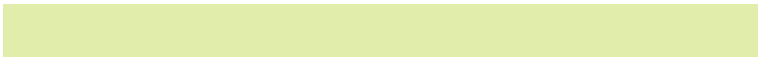
■ 65.5755, 0.2971,
0.5858

■ 65.4011, 0.2979,
0.5926

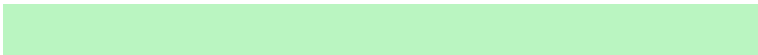
Harmonies

Analogous

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



79.5942, 0.3453, 0.4014



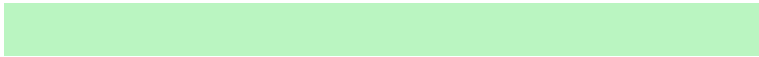
79.5942, 0.3055, 0.3889



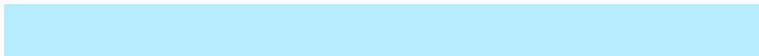
79.5942, 0.2692, 0.3566

Triad

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



79.5942, 0.3055, 0.3889



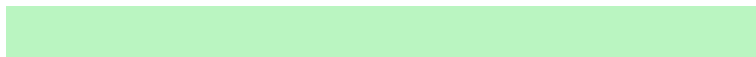
79.5942, 0.2499, 0.2669



79.5942, 0.3848, 0.3338

Complementary

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



79.5942, 0.3055, 0.3889



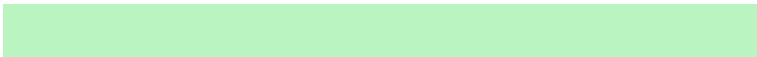
60.6861, 0.3208, 0.2757

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.



79.5942, 0.3560, 0.3024



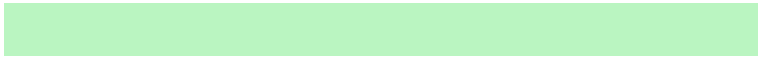
79.5942, 0.3055, 0.3889



79.5942, 0.2774, 0.2650

Square

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



79.5942, 0.3055, 0.3889



79.5942, 0.2386, 0.2849



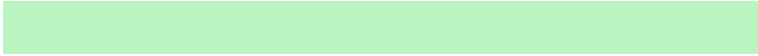
79.5942, 0.3160, 0.2779



79.5942, 0.3926, 0.3660

Rectangle

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



79.5942, 0.3055, 0.3889



79.5942, 0.2516, 0.3302



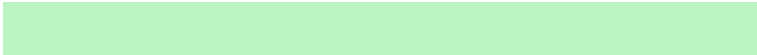
79.5942, 0.3160, 0.2779



79.5942, 0.3772, 0.3229

Sweetspot

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



79.5976, 0.3055, 0.3889



95.7995, 0.3107, 0.3446



87.0523, 0.3444, 0.3903



20.4314, 0.3105, 0.3460



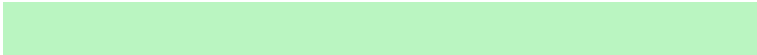
0.0000, 0.0000, 0.0000



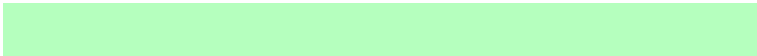
21.4041, 0.3127, 0.3290

Same Dimension

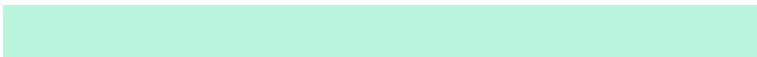
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.5976, 0.3055, 0.3889



85.0639, 0.3040, 0.4034



81.0393, 0.2892, 0.3543



18.5044, 0.3099, 0.3505



35.2402, 0.2975, 0.5911



3.1075, 0.2929, 0.5744

Inverse Universe

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



60.6861, 0.3208, 0.2757



60.9900, 0.3228, 0.2645



59.1009, 0.3441, 0.3051



16.7321, 0.3156, 0.3084



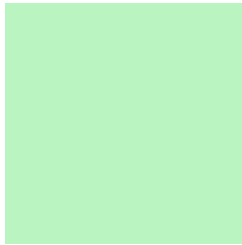
13.1319, 0.3537, 0.1722



1.1636, 0.3490, 0.1696

Previews

White Background



This preview shows how the Yxy color 79.5942, 0.3055, 0.3889 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 79.5942, 0.3055, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

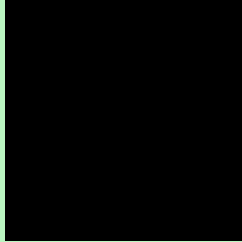
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

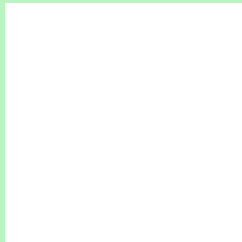
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.5942, 0.3055, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 79.5942, 0.3055, 0.3889.

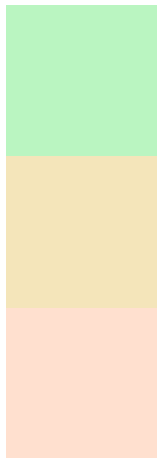


This preview shows how white text looks on a background with the Yxy color 79.5942, 0.3055, 0.3889.

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

79.5942, 0.3055, 0.3889

Protanopia

78.8169, 0.3520, 0.3740

Deuteranopia

79.0763, 0.3466, 0.3463



Tritanopia

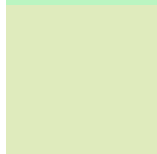
79.2167, 0.2779, 0.3086

Trichromacy



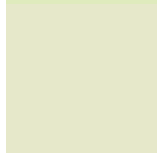
Original Color

79.5942, 0.3055, 0.3889



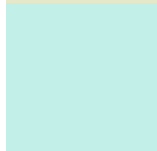
Protanomaly

78.7788, 0.3336, 0.3791



Deuteranomaly

78.8005, 0.3306, 0.3611



Tritanomaly

79.0285, 0.2883, 0.3367

Monochromacy



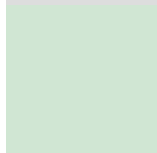
Original Color

79.5942, 0.3055, 0.3889



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.7067, 0.3097, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.5942, 0.3055, 0.3889 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(186, 245, 193)` looks like.

```
.text, #text, p{  
    color:rgb(186, 245, 193)  
}
```

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(186, 245, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 245, 193) }
```

Border

The CSS property to change the border of an element to Yxy 79.5942, 0.3055, 0.3889 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(186, 245, 193) }
```

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

```
.border{ border-color:rgb(186, 245, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 245, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 245, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 245, 193);  
box-shadow:4px 4px 4px 4px rgb(186, 245,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 79.5942, 0.3055, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 245, 193) }
```

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

```
.background{ background-color: rgb(186,  
245, 193) }
```

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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