

Converting Colors

$Yxy(79.9391, 0.3071, 0.3825)$

Have a look what the booklet for
Yxy(79.9391, 0.3071, 0.3825)
contains.

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Color

Yxy(79.9391, 0.3071, 0.3825)

Conversions

Conversions Part 1

Format	Color
Hex	C0F4C5
RGB	192, 244, 197
RGB Percent	75%, 96%, 77%
CMY	0.2468, 0.0432, 0.2274
CMYK	0.21, 0.00, 0.19, 0.04
HSL	126°, 70%, 86%
HSV	126°, 21%, 96%
XYZ	64.1812, 79.9391, 64.8708
YIQ	223.0940, -15.9050, -25.6410

Conversions

Conversions Part 2

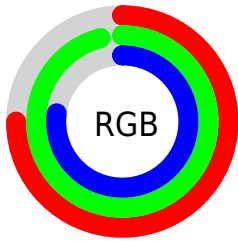
Format	Color
RYB	192, 239, 244
Decimal	12645573
CIELab	91.66, -25.38, 17.33
CIElCh	92, 30.732, 145.683
Yxy	79.9391, 0.3071, 0.3825
Android (android.graphics.Color)	4290835653 (0xFFC0F4C5)
YUV	223.0940, -12.8643, -27.2694
Hunter-Lab	89.4087, -28.3306, 19.5680

Details

The Yxy color **79.9391, 0.3071, 0.3825** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.1997, 0.3188, 0.2808**, and the grayscale version is **73.9755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8155, 0.3096, 0.3300**, and **43.3529, 0.3056, 0.3964** is the 20% darker color. If you saturate the color by 10%, you get **76.0761, 0.3044, 0.4124**, and if you desaturate by 10%, it is **84.4852, 0.3098, 0.3556**.

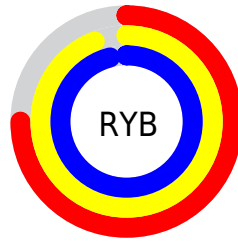
Distribution



Red (75%)

Green (96%)

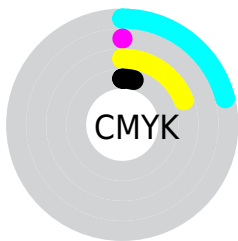
Blue (77%)



Red (75%)

Yellow (94%)

Blue (96%)

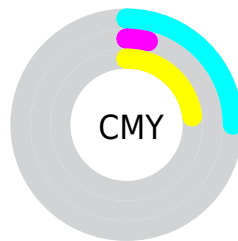


Cyan (21%)

Magenta (0%)

Yellow (19%)

Black (4%)



Cyan (25%)


Magenta (4%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.9391, 0.3071, 0.3825 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 79.9391, 0.3071, 0.3825 by changing the saturation by 10% instead.


 79.9391, 0.3071,
0.3825

 79.9391, 0.3071,
0.3825

494.7276, 0.3101,
0.3573

 59.6682, 0.3063,
0.3884


 133.2801, 0.3082,
0.3736

 43.1513, 0.3053,
0.3957


167.1190, 0.3086,
0.3702

 30.0038, 0.3039,
0.4051


206.2495, 0.3090,
0.3673

 19.8415, 0.3019,
0.4175

251.0558, 0.3093,
0.3648

 12.2799, 0.2990,
0.4346

301.9223, 0.3095,
0.3625

 6.9346, 0.2942,
0.4598


359.2335, 0.3098,


 3.4212, 0.2854,


0.3606


0.5001


423.3738, 0.3099,
0.3588

 1.3554, 0.2815,
0.6286


 0.1835, 0.0000,
1.0000

 79.9391, 0.3071,
0.3825


 79.9391, 0.3071,
0.3825


 76.0761, 0.3044,
0.4124


 84.4852, 0.3098,
0.3556

 72.8537, 0.3019,
0.4447

 89.7344, 0.3124,
0.3318

 70.2401, 0.2997,
0.4782

 93.1747, 0.3132,
0.3185

 68.1969, 0.2980,
0.5112

■ 66.6812, 0.2971,
0.5415

■ 65.6441, 0.2970,
0.5667

■ 65.0274, 0.2977,
0.5850

■ 64.7572, 0.2986,
0.5948

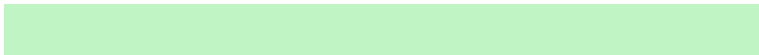
Harmonies

Analogous

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



79.9391, 0.3427, 0.3935



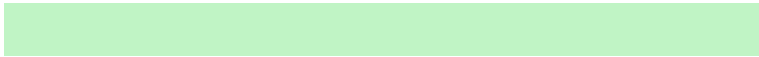
79.9391, 0.3071, 0.3825



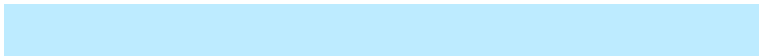
79.9391, 0.2743, 0.3542

Triad

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



79.9391, 0.3071, 0.3825



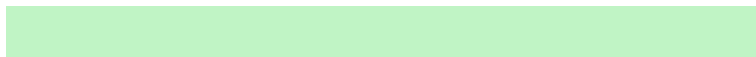
79.9391, 0.2559, 0.2733



79.9391, 0.3768, 0.3331

Complementary

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



79.9391, 0.3071, 0.3825



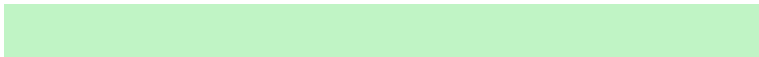
63.1997, 0.3188, 0.2808

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.



79.9391, 0.3509, 0.3047



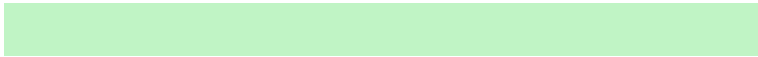
79.9391, 0.3071, 0.3825



79.9391, 0.2806, 0.2712

Square

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



79.9391, 0.3071, 0.3825



79.9391, 0.2460, 0.2901



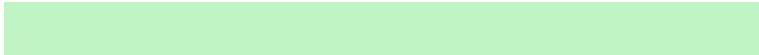
79.9391, 0.3152, 0.2826



79.9391, 0.3842, 0.3621

Rectangle

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



79.9391, 0.3071, 0.3825



79.9391, 0.2581, 0.3309



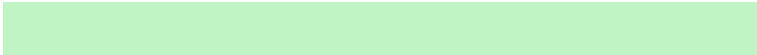
79.9391, 0.3152, 0.2826



79.9391, 0.3699, 0.3233

Sweetspot

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



79.9425, 0.3071, 0.3825



96.3528, 0.3112, 0.3427



86.9702, 0.3418, 0.3827



20.5422, 0.3110, 0.3442



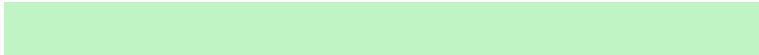
0.0000, 0.0000, 0.0000



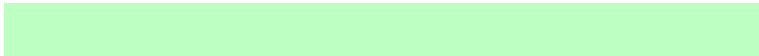
21.4041, 0.3127, 0.3290

Same Dimension

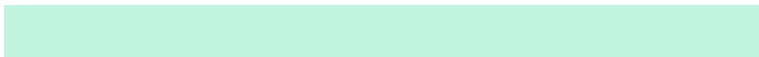
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.9425, 0.3071, 0.3825



86.2402, 0.3058, 0.3965



81.2043, 0.2927, 0.3530



18.4976, 0.3103, 0.3511



35.2236, 0.2982, 0.5935



3.1043, 0.2943, 0.5795

Inverse Universe

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



63.1997, 0.3188, 0.2808



64.3476, 0.3204, 0.2697



61.8041, 0.3383, 0.3062



16.7396, 0.3153, 0.3079



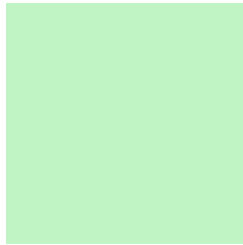
13.3032, 0.3463, 0.1682



1.1770, 0.3428, 0.1662

Previews

White Background



This preview shows how the Yxy color 79.9391, 0.3071, 0.3825 looks on a white background.

Color Contrast Check

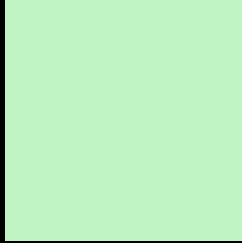
Large Text (above 18pt) WCAG AA × Fail

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 79.9391, 0.3071, 0.3825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

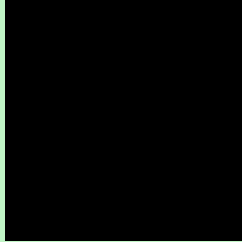
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

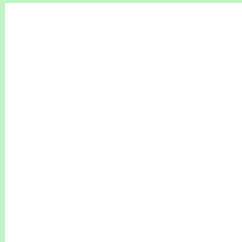
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.9391, 0.3071, 0.3825

Background



This preview shows how black text looks on a background with the Yxy color 79.9391, 0.3071, 0.3825.

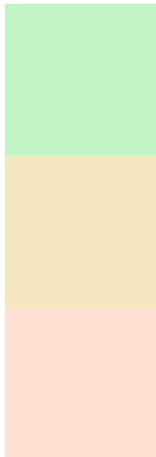


This preview shows how white text looks on a background with the Yxy color 79.9391, 0.3071, 0.3825.

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

79.9391, 0.3071, 0.3825

Protanopia

79.5444, 0.3491, 0.3707

Deuteranopia

79.2245, 0.3445, 0.3432



Tritanopia

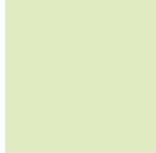
79.7675, 0.2802, 0.3087

Trichromacy



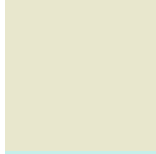
Original Color

79.9391, 0.3071, 0.3825



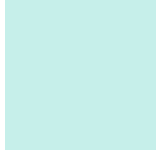
Protanomaly

79.2745, 0.3325, 0.3745



Deuteranomaly

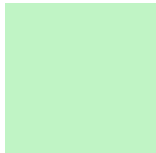
78.7154, 0.3302, 0.3567



Tritanomaly

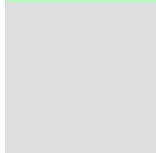
79.6793, 0.2896, 0.3344

Monochromacy



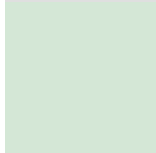
Original Color

79.9391, 0.3071, 0.3825



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

76.0039, 0.3105, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.9391, 0.3071, 0.3825 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(192, 244, 197)` looks like.

```
.text, #text, p{  
    color:rgb(192, 244, 197)  
}
```

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(192, 244, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 244, 197) }
```

Border

The CSS property to change the border of an element to Yxy 79.9391, 0.3071, 0.3825 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(192, 244, 197) }
```

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

```
.border{ border-color:rgb(192, 244, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 244, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 244, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 244, 197);  
box-shadow:4px 4px 4px 4px rgb(192, 244,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 79.9391, 0.3071, 0.3825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 244, 197) }
```

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

```
.background{ background-color: rgb(192,  
244, 197) }
```

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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