

Converting Colors

$Yxy(79.6168, 0.3170, 0.3769)$

Have a look what the booklet for
Yxy(79.6168, 0.3170, 0.3769)
contains.

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Color

Yxy(79.6168, 0.3170, 0.3769)

Conversions

Conversions Part 1

Format	Color
Hex	CFF0C5
RGB	207, 240, 197
RGB Percent	81%, 94%, 77%
CMY	0.1884, 0.0588, 0.2274
CMYK	0.14, 0.00, 0.18, 0.06
HSL	106°, 59%, 86%
HSV	106°, 18%, 94%
XYZ	66.9635, 79.6168, 64.6609
YIQ	225.2310, -5.8650, -20.3690

Conversions

Conversions Part 2

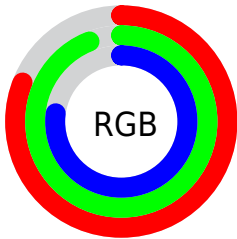
Format	Color
RYB	197, 240, 230
Decimal	13627589
CIELab	91.51, -18.51, 17.26
CIELCh	92, 25.306, 137.004
Yxy	79.6168, 0.3170, 0.3769
Android (android.graphics.Color)	4291817669 (0xFFCFF0C5)
YUV	225.2310, -13.9179, -15.9886
Hunter-Lab	89.2282, -22.1899, 19.4942

Details

The Yxy color **79.6168, 0.3170, 0.3769** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.0555, 0.3073, 0.2835**, and the grayscale version is **75.5732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **42.9395, 0.3174, 0.3889** is the 20% darker color. If you saturate the color by 10%, you get **76.1039, 0.3190, 0.4075**, and if you desaturate by 10%, it is **83.6218, 0.3147, 0.3490**.

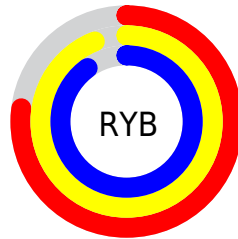
Distribution



Red (81%)

Green (94%)

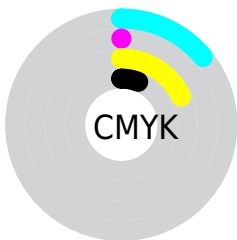
Blue (77%)



Red (77%)

Yellow (94%)

Blue (90%)

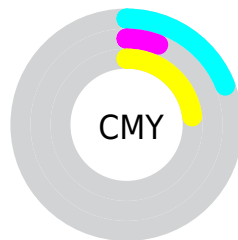


Cyan (14%)

Magenta (0%)

Yellow (18%)

Black (6%)



Cyan (19%)


Magenta (6%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6168, 0.3170, 0.3769 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 79.6168, 0.3170, 0.3769 by changing the saturation by 10% instead.

 79.6168, 0.3170,
0.3769

 79.6168, 0.3170,
0.3769

493.6405, 0.3154,
0.3544

 59.4031, 0.3173,
0.3821

132.8268, 0.3165,
0.3690

 42.9377, 0.3176,
0.3886


166.5919, 0.3163,
0.3660

 29.8362, 0.3179,
0.3968


205.6429, 0.3161,
0.3634

 19.7143, 0.3181,
0.4076

250.3643, 0.3159,
0.3611

 12.1875, 0.3182,
0.4225

301.1403, 0.3158,
0.3592

 6.8715, 0.3178,
0.4443

358.3554, 0.3156,

 3.3819, 0.3159,

0.3574

0.4787

422.3940, 0.3155,
0.3558

■ 1.3342, 0.3339,
0.5865

■ 0.1675, 0.0000,
1.0000

■ 79.6168, 0.3170,
0.3769

■ 79.6168, 0.3170,
0.3769

■ 76.1039, 0.3190,
0.4075

■ 83.6218, 0.3147,
0.3490

■ 73.0541, 0.3205,
0.4402

■ 88.1266, 0.3122,
0.3241

■ 70.4504, 0.3211,
0.4738

■ 90.8081, 0.3134,
0.3146

■ 68.2714, 0.3209,
0.5068

■ 66.4933, 0.3194,
0.5371

■ 65.0900, 0.3168,
0.5623

■ 64.0320, 0.3131,
0.5808

■ 63.2828, 0.3088,
0.5919

■ 63.1579, 0.3080,
0.5936

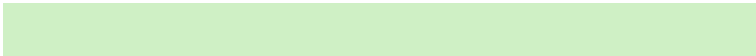
Harmonies

Analogous

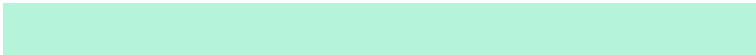
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.6168, 0.3455, 0.3815



79.6168, 0.3170, 0.3769



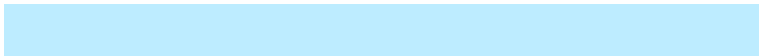
79.6168, 0.2883, 0.3574

Triad

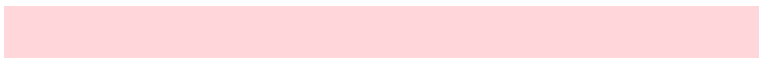
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.6168, 0.3170, 0.3769



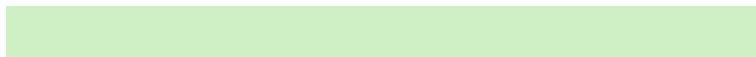
79.6168, 0.2617, 0.2857



79.6168, 0.3606, 0.3256

Complementary

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



79.6168, 0.3170, 0.3769



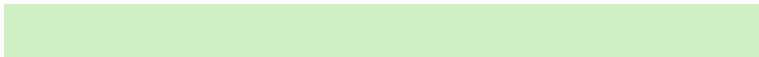
63.0555, 0.3073, 0.2835

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.



79.6168, 0.3362, 0.3028



79.6168, 0.3170, 0.3769



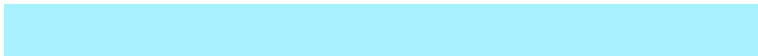
79.6168, 0.2792, 0.2801

Square

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



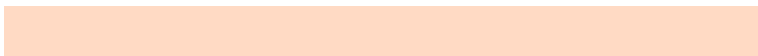
79.6168, 0.3170, 0.3769



79.6168, 0.2573, 0.3033



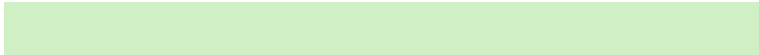
79.6168, 0.3062, 0.2864



79.6168, 0.3715, 0.3503

Rectangle

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



79.6168, 0.3170, 0.3769



79.6168, 0.2728, 0.3392



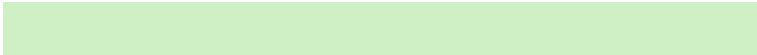
79.6168, 0.3062, 0.2864



79.6168, 0.3536, 0.3176

Sweetspot

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



79.6202, 0.3170, 0.3769



97.3952, 0.3140, 0.3415



79.1398, 0.3414, 0.3636



20.7707, 0.3141, 0.3433



0.0000, 0.0000, 0.0000



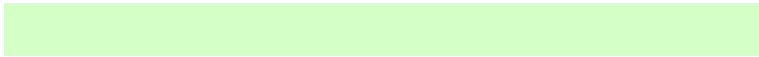
21.4041, 0.3127, 0.3290

Same Dimension

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



79.6202, 0.3170, 0.3769



89.6212, 0.3179, 0.3893



78.7758, 0.3037, 0.3645



17.8331, 0.3151, 0.3532



34.6189, 0.3089, 0.5929



2.9236, 0.3177, 0.5860

Inverse Universe

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



63.0555, 0.3073, 0.2835



66.8980, 0.3057, 0.2725



64.0922, 0.3232, 0.2960



15.8360, 0.3101, 0.3055



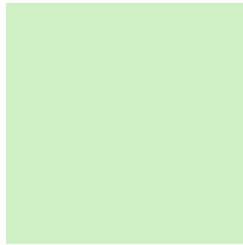
9.1112, 0.2629, 0.1222



0.8022, 0.2709, 0.1266

Previews

White Background



This preview shows how the Yxy color 79.6168, 0.3170, 0.3769 looks on a white background.

Color Contrast Check

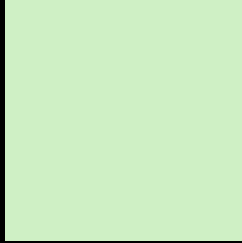
Large Text (above 18pt) WCAG AA × Fail

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 79.6168, 0.3170, 0.3769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

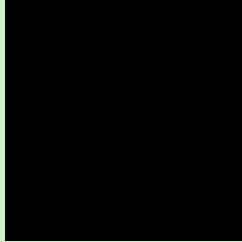
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

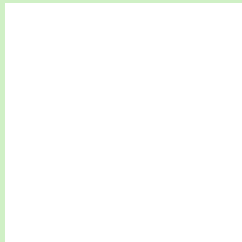
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6168, 0.3170, 0.3769

Background



This preview shows how black text looks on a background with the Yxy color 79.6168, 0.3170, 0.3769.

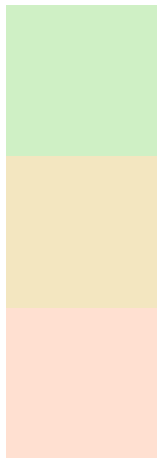


This preview shows how white text looks on a background with the Yxy color 79.6168, 0.3170, 0.3769.

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

79.6168, 0.3170, 0.3769

Protanopia

79.4541, 0.3470, 0.3687

Deuteranopia

79.1748, 0.3452, 0.3442



Tritanopia

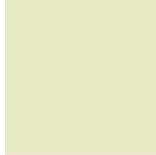
79.8418, 0.2908, 0.3101

Trichromacy



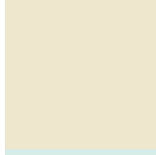
Original Color

79.6168, 0.3170, 0.3769



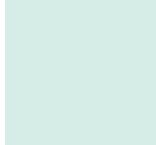
Protanomaly

79.5637, 0.3355, 0.3718



Deuteranomaly

79.1785, 0.3346, 0.3553



Tritanomaly

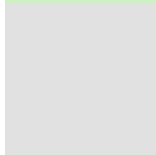
79.9066, 0.3007, 0.3343

Monochromacy



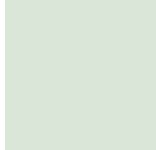
Original Color

79.6168, 0.3170, 0.3769



Achromatopsia

75.2942, 0.3127, 0.3290



Achromatomaly

76.4054, 0.3140, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6168, 0.3170, 0.3769 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(207, 240, 197)` looks like.

```
.text, #text, p{  
    color:rgb(207, 240, 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(207, 240, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 240, 197) }
```

Border

The CSS property to change the border of an element to Yxy 79.6168, 0.3170, 0.3769 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(207, 240, 197) }
```

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

```
.border{ border-color:rgb(207, 240, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 240, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 240, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 240, 197);  
box-shadow:4px 4px 4px 4px rgb(207, 240,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6168, 0.3170, 0.3769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 240, 197) }
```

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

```
.background{ background-color: rgb(207,  
240, 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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