

Converting Colors

Yxy(79.6641, 0.3234, 0.4149)

Have a look what the booklet for
Yxy(79.6641, 0.3234, 0.4149)
contains.

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Color

Yxy(79.6764, 0.3238, 0.4151)

Conversions

Conversions Part 1

Format	Color
Hex	C2F5AA
RGB	194, 245, 170
RGB Percent	76%, 96%, 67%
CMY	0.2393, 0.0392, 0.3335
CMYK	0.21, 0.00, 0.31, 0.04
HSL	101°, 79%, 81%
HSV	101°, 31%, 96%
XYZ	62.1518, 79.6764, 50.1169
YIQ	221.2010, -6.3210, -34.1370

Conversions

Conversions Part 2

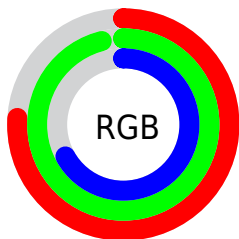
Format	Color
RYB	170, 245, 221
Decimal	12776874
CIELab	91.54, -29.55, 30.99
CIELCh	92, 42.820, 133.632
Yxy	79.6764, 0.3238, 0.4151
Android (android.graphics.Color)	4290966954 (0xFFC2F5AA)
YUV	221.2010, -25.2421, -23.8553
Hunter-Lab	89.2616, -31.9204, 29.1942

Details

The Yxy color **79.6764, 0.3238, 0.4151** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **50.7010, 0.2969, 0.2481**, and the grayscale version is **72.6378, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5202, 0.3272, 0.3574**, and **43.1685, 0.3248, 0.4374** is the 20% darker color. If you saturate the color by 10%, you get **76.7557, 0.3264, 0.4473**, and if you desaturate by 10%, it is **83.0238, 0.3205, 0.3845**.

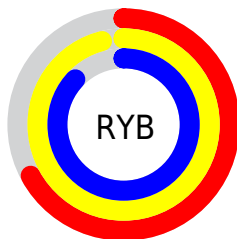
Distribution



Red (76%)

Green (96%)

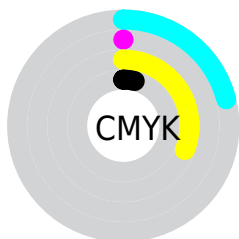
Blue (67%)



Red (67%)

Yellow (96%)

Blue (87%)

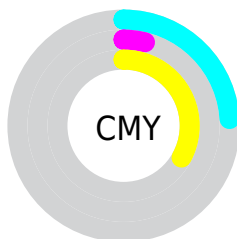


Cyan (21%)

Magenta (0%)

Yellow (31%)

Black (4%)



Cyan (24%)


Magenta (4%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.6764, 0.3238, 0.4151 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 79.6764, 0.3238, 0.4151 by changing the saturation by 10% instead.

 79.6764, 0.3238,
0.4151

 79.6764, 0.3238,
0.4151

493.8416, 0.3199,
0.3741

 59.4521, 0.3244,
0.4247

 132.9107, 0.3227,
0.4007

 42.9772, 0.3249,
0.4366


166.6894, 0.3222,
0.3952

 29.8672, 0.3253,
0.4518


205.7551, 0.3217,
0.3904

 19.7378, 0.3252,
0.4718

250.4922, 0.3213,
0.3863

 12.2046, 0.3242,
0.4991

301.2850, 0.3209,
0.3827

 6.8832, 0.3207,
0.5383


358.5179, 0.3205,


 3.3891, 0.3154,


0.3795

0.6076


422.5753, 0.3202,
0.3767

 1.3381, 0.2692,
0.7308


 0.1704, 0.0000,
1.0000


 79.6764, 0.3238,
0.4151


 79.6764, 0.3238,
0.4151

 76.7557, 0.3264,
0.4473


 83.0238, 0.3205,
0.3845

 74.2337, 0.3280,
0.4798

 86.8043, 0.3168,
0.3562

 72.0946, 0.3282,
0.5112

 91.0368, 0.3130,
0.3305

 70.3178, 0.3269,
0.5393

 93.7906, 0.3132,
0.3194

■ 68.8799, 0.3240,
0.5622

■ 67.7544, 0.3196,
0.5786

■ 66.9487, 0.3148,
0.5882

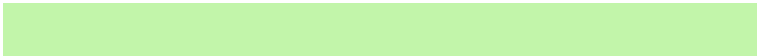
Harmonies

Analogous

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



79.6764, 0.3711, 0.4171



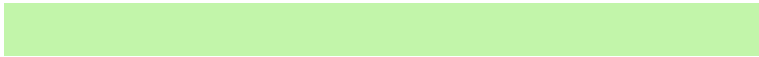
79.6764, 0.3238, 0.4151



79.6764, 0.2757, 0.3833

Triad

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



79.6764, 0.3238, 0.4151



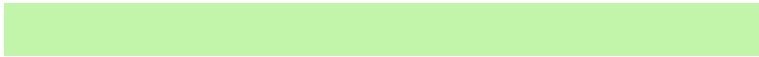
79.6764, 0.2273, 0.2589



79.6764, 0.3904, 0.3174

Complementary

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



79.6764, 0.3238, 0.4151



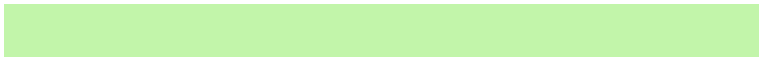
50.7010, 0.2969, 0.2481

Split Complementary

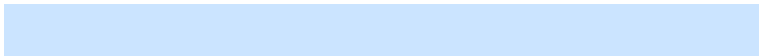
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.6764, 0.3462, 0.2823



79.6764, 0.3238, 0.4151



79.6764, 0.2527, 0.2492

Square

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



79.6764, 0.3238, 0.4151



79.6764, 0.2226, 0.2883



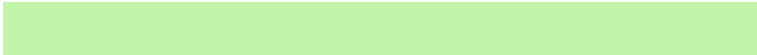
79.6764, 0.2952, 0.2580



79.6764, 0.4121, 0.3570

Rectangle

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



79.6764, 0.3238, 0.4151



79.6764, 0.2496, 0.3511



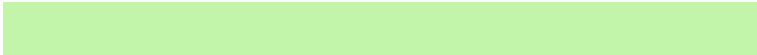
79.6764, 0.2952, 0.2580



79.6764, 0.3775, 0.3049

Sweetspot

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



79.6798, 0.3238, 0.4151



95.7689, 0.3162, 0.3519



73.4996, 0.3663, 0.3818



20.3603, 0.3168, 0.3558



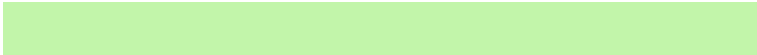
0.0000, 0.0000, 0.0000



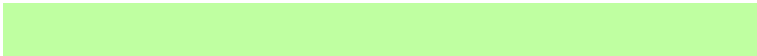
21.4041, 0.3127, 0.3290

Same Dimension

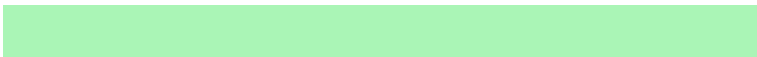
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.6798, 0.3238, 0.4151



85.1383, 0.3256, 0.4357



77.2503, 0.3016, 0.4037



18.7294, 0.3164, 0.3531



36.1290, 0.3159, 0.5874



3.2283, 0.3252, 0.5800

Inverse Universe

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



50.7010, 0.2969, 0.2481



48.5624, 0.2925, 0.2301



54.0067, 0.3263, 0.2643



16.4869, 0.3087, 0.3053



8.0298, 0.2414, 0.1104



0.7608, 0.2516, 0.1159

Previews

White Background



This preview shows how the Yxy color 79.6764, 0.3238, 0.4151 looks on a white background.

Color Contrast Check

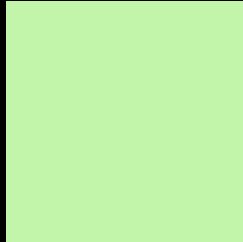
Large Text (above 18pt) WCAG AA × Fail

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 79.6764, 0.3238, 0.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

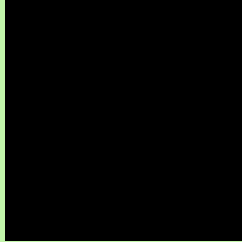
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

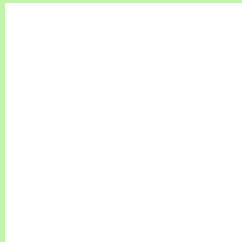
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.6764, 0.3238, 0.4151

Background



This preview shows how black text looks on a background with the Yxy color 79.6764, 0.3238, 0.4151.

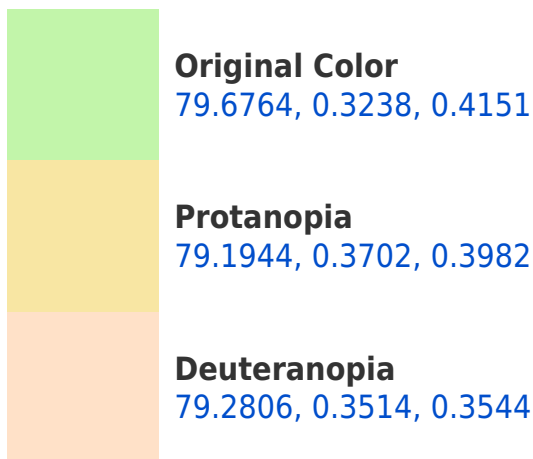


This preview shows how white text looks on a background with the Yxy color 79.6764, 0.3238, 0.4151.

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

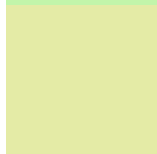
79.2029, 0.2842, 0.3088

Trichromacy



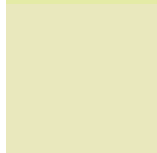
Original Color

79.6764, 0.3238, 0.4151



Protanomaly

78.6638, 0.3519, 0.4036



Deuteranomaly

78.7110, 0.3413, 0.3750



Tritanomaly

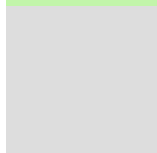
79.0333, 0.2984, 0.3455

Monochromacy



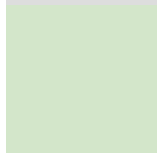
Original Color

79.6764, 0.3238, 0.4151



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.7068, 0.3174, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.6764, 0.3238, 0.4151 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(194, 245, 170)` looks like.

```
.text, #text, p{  
    color:rgb(194, 245, 170)  
}
```

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(194, 245, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 245, 170) }
```

Border

The CSS property to change the border of an element to Yxy 79.6764, 0.3238, 0.4151 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(194, 245, 170) }
```

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

```
.border{ border-color:rgb(194, 245, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 245, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 245, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 245, 170);  
box-shadow:4px 4px 4px 4px rgb(194, 245,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 79.6764, 0.3238, 0.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 245, 170) }
```

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

```
.background{ background-color: rgb(194,  
245, 170) }
```

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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