

Converting Colors

$Yxy(79.4378, 0.3171, 0.3807)$

Have a look what the booklet for
Yxy(79.4378, 0.3171, 0.3807)
contains.

Yxy(79.1944, 0.3175, 0.3805)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.1944, 0.3175, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	CDF0C2
RGB	205, 240, 194
RGB Percent	80%, 94%, 76%
CMY	0.1960, 0.0588, 0.2391
CMYK	0.15, 0.00, 0.19, 0.06
HSL	106°, 61%, 85%
HSV	106°, 19%, 94%
XYZ	66.0821, 79.1944, 62.8560
YIQ	224.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

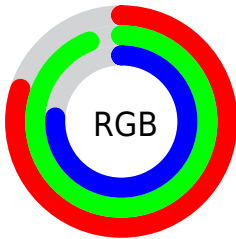
Format	Color
RYB	194, 240, 229
Decimal	13496514
CIELab	91.32, -19.65, 18.51
CIElCh	91, 26.993, 136.712
Yxy	79.1944, 0.3175, 0.3805
Android (android.graphics.Color)	4291686594 (0xFFCDF0C2)
YUV	224.2910, -14.9335, -16.9182
Hunter-Lab	88.9912, -23.1863, 20.4163

Details

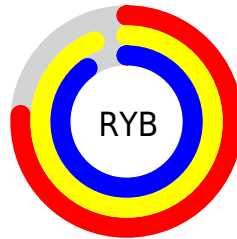
The Yxy color **79.1944, 0.3175, 0.3805** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5434, 0.3066, 0.2802**, and the grayscale version is **74.8787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **42.6585, 0.3180, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **75.7578, 0.3196, 0.4113**, and if you desaturate by 10%, it is **83.1149, 0.3151, 0.3523**.

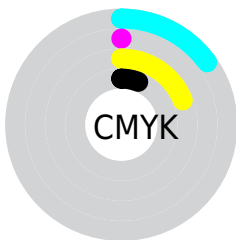
Distribution



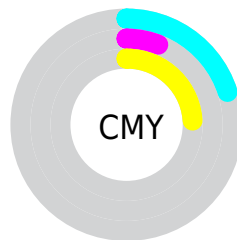
- Red (80%)
- Green (94%)
- Blue (76%)



- Red (76%)
- Yellow (94%)
- Blue (90%)



- Cyan (15%)
- Magenta (0%)
- Yellow (19%)
- Black (6%)



- Cyan (20%)
- Magenta (6%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1944, 0.3175, 0.3805 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 79.1944, 0.3175, 0.3805 by changing the saturation by 10% instead.

79.1944, 0.3175,
0.3805

79.1944, 0.3175,
0.3805

492.2137, 0.3157,
0.3563

59.0557, 0.3178,
0.3861

132.2325, 0.3170,
0.3720

42.6579, 0.3181,
0.3931

165.9006, 0.3167,
0.3688

29.6168, 0.3184,
0.4020

204.8474, 0.3165,
0.3659

19.5479, 0.3187,
0.4138

249.4571, 0.3163,
0.3635

12.0669, 0.3187,
0.4300

300.1142, 0.3162,
0.3614

6.7892, 0.3182,
0.4536

357.2031, 0.3160,

3.3306, 0.3157,

0.3595

0.4910

421.1081, 0.3158,
0.3578

■ 1.3067, 0.3407,
0.6255

■ 0.1464, 0.0000,
1.0000

■ 79.1944, 0.3175,
0.3805

■ 79.1944, 0.3175,
0.3805

■ 75.7578, 0.3196,
0.4113

■ 83.1149, 0.3151,
0.3523

■ 72.7762, 0.3210,
0.4441

■ 87.5268, 0.3125,
0.3270

■ 70.2330, 0.3217,
0.4777

■ 90.7986, 0.3134,
0.3146

■ 68.1067, 0.3214,
0.5104

■ 66.3738, 0.3198,
0.5401

■ 65.0083, 0.3170,
0.5645

■ 63.9808, 0.3132,
0.5821

■ 63.2521, 0.3089,
0.5925

■ 63.2013, 0.3085,
0.5932

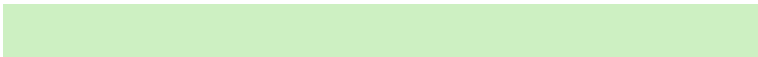
Harmonies

Analogous

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



79.1944, 0.3479, 0.3851



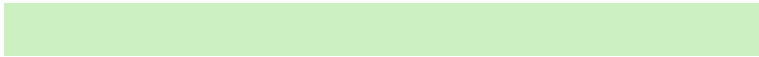
79.1944, 0.3175, 0.3805



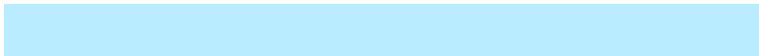
79.1944, 0.2868, 0.3596

Triad

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



79.1944, 0.3175, 0.3805



79.1944, 0.2583, 0.2829



79.1944, 0.3637, 0.3251

Complementary

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



79.1944, 0.3175, 0.3805



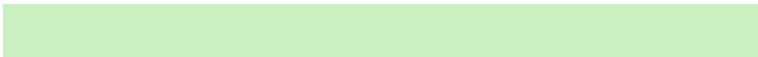
61.5434, 0.3066, 0.2802

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.



79.1944, 0.3375, 0.3009



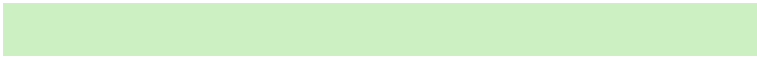
79.1944, 0.3175, 0.3805



79.1944, 0.2767, 0.2769

Square

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



79.1944, 0.3175, 0.3805



79.1944, 0.2537, 0.3017



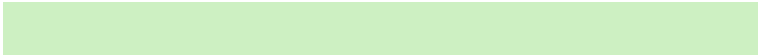
79.1944, 0.3054, 0.2836



79.1944, 0.3756, 0.3513

Rectangle

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



79.1944, 0.3175, 0.3805



79.1944, 0.2703, 0.3401



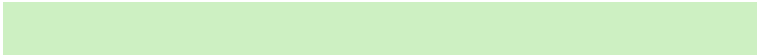
79.1944, 0.3054, 0.2836



79.1944, 0.3562, 0.3165

Sweetspot

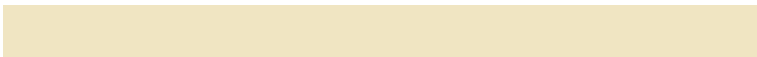
The Sweet Spot groups the original color and five complimentary colors.



79.1978, 0.3175, 0.3805



96.9125, 0.3143, 0.3440



78.1857, 0.3437, 0.3653



20.6740, 0.3145, 0.3457



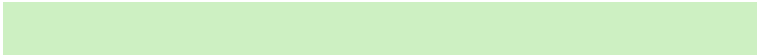
0.0000, 0.0000, 0.0000



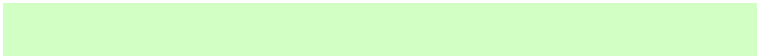
21.4041, 0.3127, 0.3290

Same Dimension

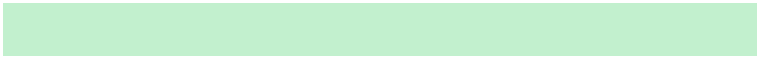
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.1978, 0.3175, 0.3805



89.2798, 0.3184, 0.3923



78.2242, 0.3035, 0.3681



17.8390, 0.3152, 0.3532



34.6491, 0.3094, 0.5925



2.9269, 0.3183, 0.5855

Inverse Universe

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



61.5434, 0.3066, 0.2802



65.5524, 0.3050, 0.2697



62.7493, 0.3234, 0.2928



15.8297, 0.3100, 0.3055



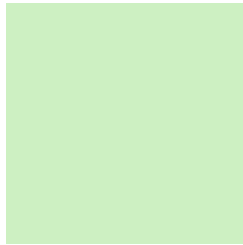
8.9900, 0.2610, 0.1212



0.7931, 0.2693, 0.1257

Previews

White Background



This preview shows how the Yxy color 79.1944, 0.3175, 0.3805 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 79.1944, 0.3175, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

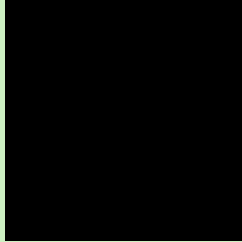
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

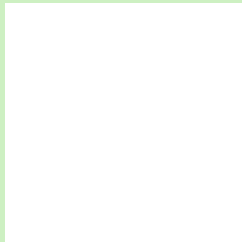
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1944, 0.3175, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 79.1944, 0.3175, 0.3805.

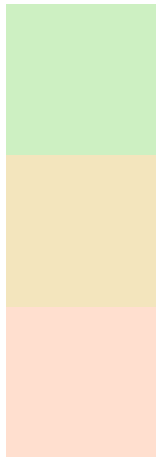


This preview shows how white text looks on a background with the Yxy color 79.1944, 0.3175, 0.3805.

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

79.1944, 0.3175, 0.3805

Protanopia

78.7674, 0.3492, 0.3709

Deuteranopia

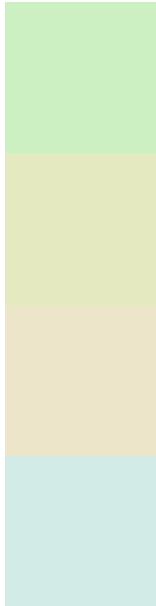
78.5403, 0.3468, 0.3453



Tritanopia

78.9744, 0.2895, 0.3090

Trichromacy



Original Color

79.1944, 0.3175, 0.3805

Protanomaly

78.6974, 0.3369, 0.3742

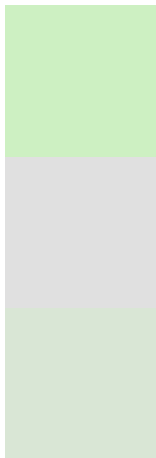
Deuteranomaly

78.3074, 0.3361, 0.3575

Tritanomaly

78.9787, 0.3000, 0.3344

Monochromacy



Original Color

79.1944, 0.3175, 0.3805

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

76.1494, 0.3146, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1944, 0.3175, 0.3805 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(205, 240, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 240, 194)  
}
```

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(205, 240, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 240, 194) }
```

Border

The CSS property to change the border of an element to Yxy 79.1944, 0.3175, 0.3805 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(205, 240, 194) }
```

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

```
.border{ border-color:rgb(205, 240, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 240, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 240, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 240, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 240,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1944, 0.3175, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 240, 194) }
```

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

```
.background{ background-color: rgb(205,  
240, 194) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor