

Converting Colors

Yxy(78.4833, 0.3122, 0.3490)

Have a look what the booklet for
Yxy(78.4833, 0.3122, 0.3490)
contains.

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Color

Yxy(78.4024, 0.3118, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	D8EAD8
RGB	216, 234, 216
RGB Percent	85%, 92%, 85%
CMY	0.1528, 0.0824, 0.1528
CMYK	0.08, 0.00, 0.08, 0.08
HSL	120°, 30%, 88%
HSV	120°, 8%, 92%
XYZ	70.1460, 78.4024, 76.4227
YIQ	226.5660, -4.9500, -9.4140

Conversions

Conversions Part 2

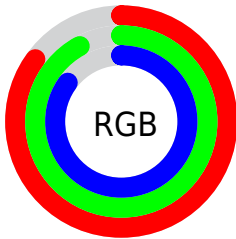
Format	Color
R _Y B	216, 234, 234
Decimal	14215896
CIE Lab	90.96, -9.20, 6.68
CIE LCh	91, 11.370, 144.022
Yxy	78.4024, 0.3118, 0.3485
Android (android.graphics.Color)	4292405976 (0xFFD8EAD8)
YUV	226.5660, -5.2090, -9.2664
Hunter-Lab	88.5451, -13.5452, 10.8088

Details

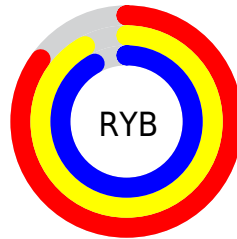
The Yxy color **78.4024, 0.3118, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5591, 0.3136, 0.3102**, and the grayscale version is **76.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9911, 0.3116, 0.3531** is the 20% darker color. If you saturate the color by 10%, you get **73.9656, 0.3105, 0.3770**, and if you desaturate by 10%, it is **83.5257, 0.3130, 0.3235**.

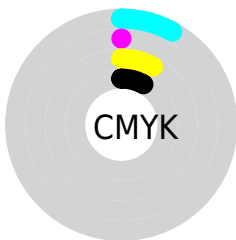
Distribution



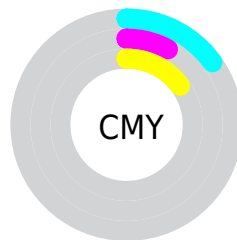
- Red (85%)
- Green (92%)
- Blue (85%)



- Red (85%)
- Yellow (92%)
- Blue (92%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (8%)




- Cyan (15%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4024, 0.3118, 0.3485 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 78.4024, 0.3118, 0.3485 by changing the saturation by 10% instead.


 78.4024, 0.3118,
0.3485

 78.4024, 0.3118,
0.3485


489.5323, 0.3123,
0.3395

 58.4046, 0.3117,
0.3506


131.1172, 0.3120,
0.3454

 42.1340, 0.3115,
0.3531


164.6030, 0.3120,
0.3441

 29.2062, 0.3113,
0.3564


203.3536, 0.3121,
0.3431

 19.2369, 0.3110,
0.3606

247.7534, 0.3121,
0.3422

 11.8416, 0.3106,
0.3664

298.1868, 0.3122,
0.3414

 6.6359, 0.3099,
0.3749

355.0381, 0.3122,

 3.2355, 0.3086,

0.3407

0.3882

418.6919, 0.3123,
0.3400

■ 1.2559, 0.3063,
0.4128

■ 0.1066, 0.0000,
1.0000

■ 78.4024, 0.3118,
0.3485

■ 78.4024, 0.3118,
0.3485

■ 73.9656, 0.3105,
0.3770

■ 83.5257, 0.3130,
0.3235

■ 70.1768, 0.3090,
0.4090

■ 87.3226, 0.3137,
0.3088

■ 67.0086, 0.3073,
0.4436

■ 64.4280, 0.3056,
0.4797

■ 62.3989, 0.3040,
0.5151

■ 60.8811, 0.3025,
0.5470

■ 59.8291, 0.3013,
0.5727

■ 59.1894, 0.3005,
0.5900

■ 58.8896, 0.3001,
0.5986

Harmonies

Analogous

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



78.4024, 0.3250, 0.3525



78.4024, 0.3118, 0.3485



78.4024, 0.2990, 0.3390

Triad

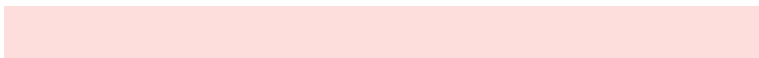
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.4024, 0.3118, 0.3485



78.4024, 0.2907, 0.3082



78.4024, 0.3359, 0.3306

Complementary

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



78.4024, 0.3118, 0.3485



72.5591, 0.3136, 0.3102

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.



78.4024, 0.3263, 0.3193



78.4024, 0.3118, 0.3485



78.4024, 0.3002, 0.3065

Square

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



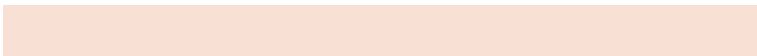
78.4024, 0.3118, 0.3485



78.4024, 0.2870, 0.3155



78.4024, 0.3132, 0.3106



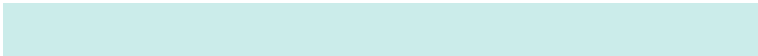
78.4024, 0.3391, 0.3417

Rectangle

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



78.4024, 0.3118, 0.3485



78.4024, 0.2925, 0.3309



78.4024, 0.3132, 0.3106



78.4024, 0.3333, 0.3267

Sweetspot

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



78.4058, 0.3118, 0.3485



98.7214, 0.3125, 0.3339



81.2936, 0.3241, 0.3478



21.1438, 0.3125, 0.3337



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.



78.4058, 0.3118, 0.3485



94.5133, 0.3116, 0.3522



78.8831, 0.3063, 0.3387



16.8622, 0.3116, 0.3534



33.0681, 0.3000, 0.6000



2.5967, 0.3000, 0.6000

Inverse Universe

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



72.5591, 0.3136, 0.3102



86.2212, 0.3138, 0.3069



72.0559, 0.3197, 0.3195



15.3138, 0.3138, 0.3058



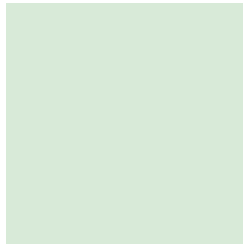
13.1673, 0.3209, 0.1542



1.0340, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 78.4024, 0.3118, 0.3485 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 78.4024, 0.3118, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

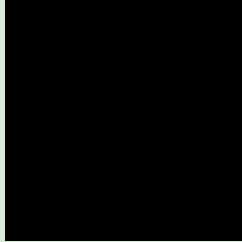
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

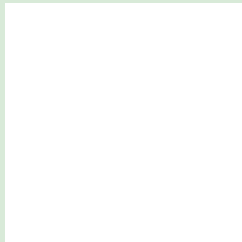
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4024, 0.3118, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 78.4024, 0.3118, 0.3485.

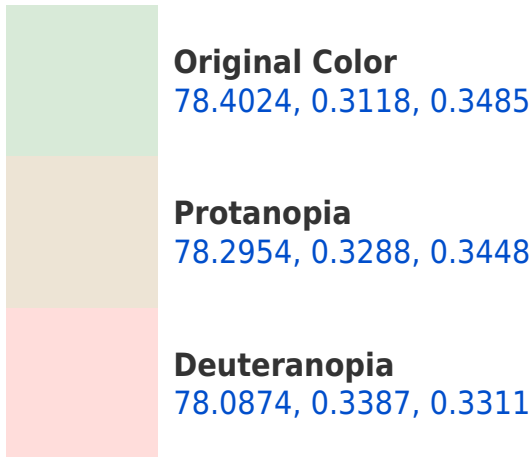


This preview shows how white text looks on a background with the Yxy color 78.4024, 0.3118, 0.3485.

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

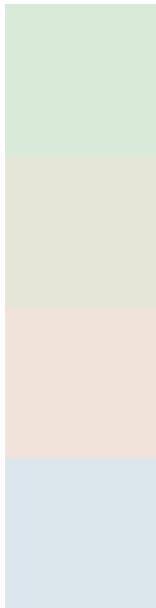




Tritanopia

78.1881, 0.2957, 0.3091

Trichromacy



Original Color

78.4024, 0.3118, 0.3485

Protanomaly

78.1067, 0.3223, 0.3460

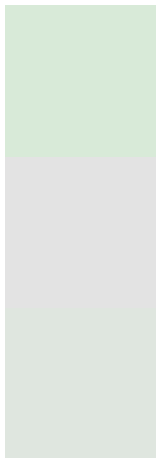
Deuteranomaly

78.1554, 0.3286, 0.3373

Tritanomaly

78.2680, 0.3016, 0.3237

Monochromacy



Original Color

78.4024, 0.3118, 0.3485

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.6093, 0.3124, 0.3365

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4024, 0.3118, 0.3485 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(216, 234, 216)` looks like.

```
.text, #text, p{  
    color:rgb(216, 234, 216)  
}
```

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(216, 234, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 234, 216) }
```

Border

The CSS property to change the border of an element to Yxy 78.4024, 0.3118, 0.3485 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(216, 234, 216) }
```

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

```
.border{ border-color:rgb(216, 234, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 234, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 234, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 234, 216);  
box-shadow:4px 4px 4px 4px rgb(216, 234,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4024, 0.3118, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 234, 216) }
```

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

```
.background{ background-color: rgb(216,  
234, 216) }
```

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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