

Converting Colors

$Yxy(79.0318, 0.3130, 0.3569)$

Have a look what the booklet for
Yxy(79.0318, 0.3130, 0.3569)
contains.

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Color

Yxy(78.8402, 0.3128, 0.3564)

Conversions

Conversions Part 1

Format	Color
Hex	D5ECD3
RGB	213, 236, 211
RGB Percent	84%, 93%, 83%
CMY	0.1646, 0.0745, 0.1727
CMYK	0.10, 0.00, 0.11, 0.07
HSL	115°, 40%, 88%
HSV	115°, 11%, 93%
XYZ	69.1953, 78.8402, 73.1772
YIQ	226.2730, -5.6830, -12.6510

Conversions

Conversions Part 2

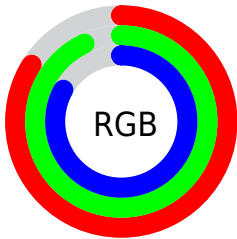
Format	Color
R _Y B	211, 236, 234
Decimal	14019795
CIE Lab	91.16, -12.11, 9.57
CIE LCh	91, 15.437, 141.664
Yxy	78.8402, 0.3128, 0.3564
Android (android.graphics.Color)	4292209875 (0xFFD5ECD3)
YUV	226.2730, -7.5296, -11.6404
Hunter-Lab	88.7920, -16.2815, 13.2911

Details

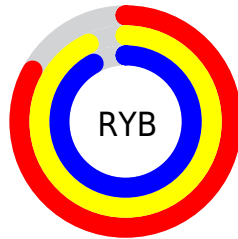
The Yxy color **78.8402, 0.3128, 0.3564** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1131, 0.3124, 0.3028**, and the grayscale version is **76.3227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3119, 0.3128, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **74.7191, 0.3127, 0.3856**, and if you desaturate by 10%, it is **83.5746, 0.3127, 0.3305**.

Distribution



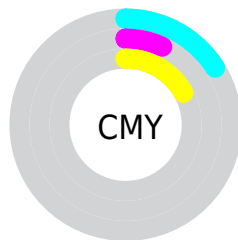
- Red (84%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (92%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (16%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8402, 0.3128, 0.3564 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 78.8402, 0.3128, 0.3564 by changing the saturation by 10% instead.


 78.8402, 0.3128,
0.3564

 78.8402, 0.3128,
0.3564


491.0156, 0.3129,
0.3437

 58.7644, 0.3128,
0.3593


131.7339, 0.3128,
0.3520

 42.4235, 0.3127,
0.3630


165.3206, 0.3129,
0.3502

 29.4331, 0.3126,
0.3676


204.1797, 0.3129,
0.3488

 19.4087, 0.3124,
0.3736

248.6956, 0.3129,
0.3475

 11.9659, 0.3121,
0.3819

299.2528, 0.3129,
0.3464

 6.7205, 0.3115,
0.3940

356.2356, 0.3129,

 3.2879, 0.3101,

0.3454

0.4131

420.0284, 0.3129,
0.3445

■ 1.2838, 0.3097,
0.4522

■ 0.1286, 0.0000,
1.0000

■ 78.8402, 0.3128,
0.3564

■ 78.8402, 0.3128,
0.3564

■ 74.7191, 0.3127,
0.3856

■ 83.5746, 0.3127,
0.3305

■ 71.1766, 0.3123,
0.4179

■ 88.4724, 0.3136,
0.3107

■ 68.1897, 0.3116,
0.4524

■ 65.7303, 0.3105,
0.4878

■ 63.7675, 0.3090,
0.5218

■ 62.2675, 0.3072,
0.5520

■ 61.1919, 0.3051,
0.5757

■ 60.4964, 0.3031,
0.5913

■ 60.1345, 0.3015,
0.5988

Harmonies

Analogous

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



78.8402, 0.3306, 0.3610



78.8402, 0.3128, 0.3564



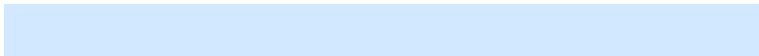
78.8402, 0.2954, 0.3438

Triad

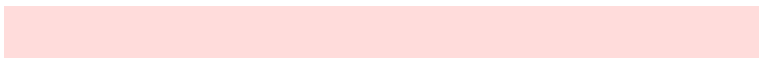
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8402, 0.3128, 0.3564



78.8402, 0.2823, 0.3013



78.8402, 0.3435, 0.3297

Complementary

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



78.8402, 0.3128, 0.3564



70.1131, 0.3124, 0.3028

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.



78.8402, 0.3299, 0.3148



78.8402, 0.3128, 0.3564



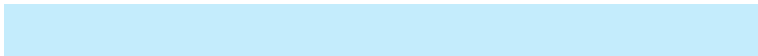
78.8402, 0.2945, 0.2986

Square

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



78.8402, 0.3128, 0.3564



78.8402, 0.2781, 0.3115



78.8402, 0.3118, 0.3036



78.8402, 0.3486, 0.3449

Rectangle

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



78.8402, 0.3128, 0.3564



78.8402, 0.2862, 0.3328



78.8402, 0.3118, 0.3036



78.8402, 0.3397, 0.3245

Sweetspot

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



78.8436, 0.3128, 0.3564



98.2094, 0.3128, 0.3364



81.3329, 0.3288, 0.3530



20.9209, 0.3128, 0.3384



0.0000, 0.0000, 0.0000



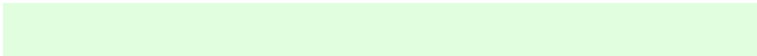
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8436, 0.3128, 0.3564



92.7245, 0.3128, 0.3633



79.0785, 0.3051, 0.3449



16.9212, 0.3128, 0.3533



33.1684, 0.3019, 0.5985



2.6250, 0.3066, 0.5947

Inverse Universe

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



70.1131, 0.3124, 0.3028



80.1306, 0.3124, 0.2966



69.8739, 0.3212, 0.3136



15.2473, 0.3125, 0.3057



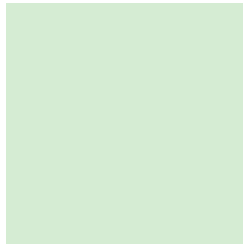
11.4661, 0.3004, 0.1429



0.9190, 0.3034, 0.1445

Previews

White Background



This preview shows how the Yxy color 78.8402, 0.3128, 0.3564 looks on a white background.

Color Contrast Check

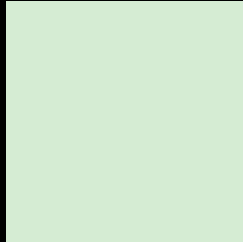
Large Text (above 18pt) WCAG AA × Fail

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 78.8402, 0.3128, 0.3564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

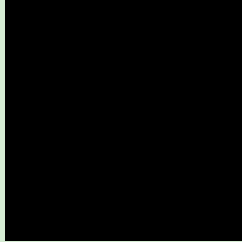
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

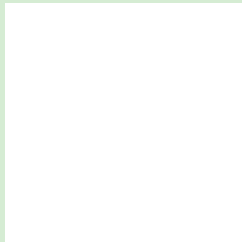
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8402, 0.3128, 0.3564

Background



This preview shows how black text looks on a background with the Yxy color 78.8402, 0.3128, 0.3564.

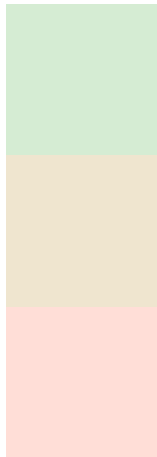


This preview shows how white text looks on a background with the Yxy color 78.8402, 0.3128, 0.3564.

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

78.8402, 0.3128, 0.3564

Protanopia

78.8943, 0.3342, 0.3521

Deuteranopia

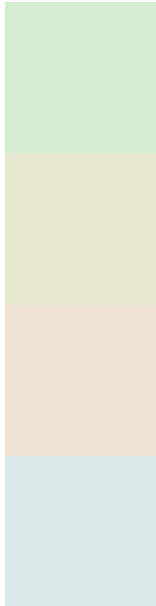
78.4088, 0.3414, 0.3361



Tritanopia

79.0515, 0.2938, 0.3102

Trichromacy



Original Color

78.8402, 0.3128, 0.3564

Protanomaly

79.0903, 0.3267, 0.3546

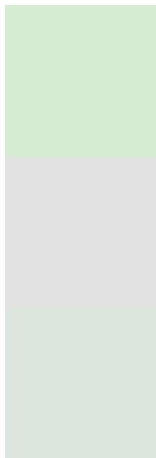
Deuteranomaly

78.3185, 0.3304, 0.3426

Tritanomaly

79.0277, 0.3009, 0.3268

Monochromacy



Original Color

78.8402, 0.3128, 0.3564

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.1862, 0.3123, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8402, 0.3128, 0.3564 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(213, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 236, 211)  
}
```

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(213, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 236, 211) }
```

Border

The CSS property to change the border of an element to Yxy 78.8402, 0.3128, 0.3564 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(213, 236, 211) }
```

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

```
.border{ border-color:rgb(213, 236, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 236,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8402, 0.3128, 0.3564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 236, 211) }
```

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

```
.background{ background-color: rgb(213,  
236, 211) }
```

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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