

Converting Colors

$Yxy(79.1627, 0.3103, 0.3533)$

Have a look what the booklet for
Yxy(79.1627, 0.3103, 0.3533)
contains.

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Color

Yxy(78.8430, 0.3103, 0.3531)

Conversions

Conversions Part 1

Format	Color
Hex	D4ECD6
RGB	212, 236, 214
RGB Percent	83%, 93%, 84%
CMY	0.1685, 0.0745, 0.1609
CMYK	0.10, 0.00, 0.09, 0.07
HSL	125°, 39%, 88%
HSV	125°, 10%, 93%
XYZ	69.2863, 78.8430, 75.1587
YIQ	226.3160, -7.2420, -11.9300

Conversions

Conversions Part 2

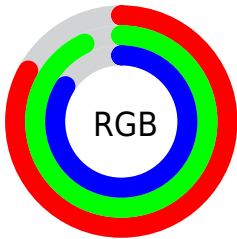
Format	Color
R_{YB}	212, 234, 236
Decimal	13954262
CIE _{Lab}	91.16, -11.92, 8.01
CIE _{LCh}	91, 14.359, 146.093
Yxy	78.8430, 0.3103, 0.3531
Android (android.graphics.Color)	4292144342 (0xFFD4ECD6)
YUV	226.3160, -6.0718, -12.5551
Hunter-Lab	88.7936, -16.1039, 11.9699

Details

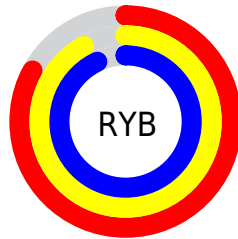
The Yxy color **78.8430, 0.3103, 0.3531** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.8788, 0.3152, 0.3060**, and the grayscale version is **76.3460, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3138, 0.3096, 0.3591** is the 20% darker color. If you saturate the color by 10%, you get **74.5554, 0.3078, 0.3801**, and if you desaturate by 10%, it is **83.7976, 0.3127, 0.3294**.

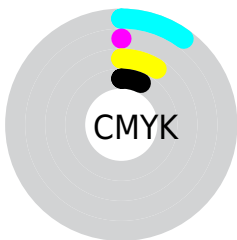
Distribution



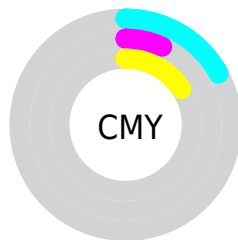
- Red (83%)
- Green (93%)
- Blue (84%)



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



- Cyan (10%)
- Magenta (0%)
- Yellow (9%)
- Black (7%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8430, 0.3103, 0.3531 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 78.8430, 0.3103, 0.3531 by changing the saturation by 10% instead.

 78.8430, 0.3103,
0.3531

 78.8430, 0.3103,
0.3531

491.0251, 0.3115,
0.3419

 58.7667, 0.3100,
0.3557


131.7378, 0.3107,
0.3492

 42.4254, 0.3096,
0.3588


165.3252, 0.3109,
0.3477

 29.4345, 0.3092,
0.3629


204.1850, 0.3110,
0.3464

 19.4098, 0.3085,
0.3682

248.7017, 0.3112,
0.3453

 11.9667, 0.3075,
0.3754

299.2596, 0.3113,
0.3443

 6.7210, 0.3061,
0.3860

356.2432, 0.3113,

 3.2883, 0.3035,

0.3434

0.4027

420.0369, 0.3114,
0.3426

■ 1.2840, 0.2994,
0.4347

■ 0.1288, 0.0000,
1.0000

■ 78.8430, 0.3103,
0.3531

■ 78.8430, 0.3103,
0.3531

■ 74.5554, 0.3078,
0.3801

■ 83.7976, 0.3127,
0.3294

■ 70.8968, 0.3053,
0.4100

■ 88.4719, 0.3136,
0.3107

■ 67.8406, 0.3029,
0.4425

■ 65.3544, 0.3007,
0.4764

■ 63.4030, 0.2990,
0.5098

■ 61.9467, 0.2980,
0.5406

■ 60.9410, 0.2976,
0.5663

■ 60.3327, 0.2981,
0.5849

■ 60.0391, 0.2988,
0.5958

Harmonies

Analogous

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



78.8430, 0.3271, 0.3586



78.8430, 0.3103, 0.3531



78.8430, 0.2945, 0.3406

Triad

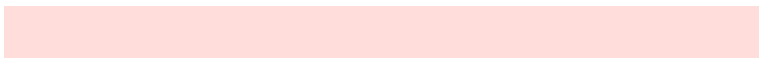
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.8430, 0.3103, 0.3531



78.8430, 0.2856, 0.3024



78.8430, 0.3426, 0.3319

Complementary

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



78.8430, 0.3103, 0.3531



70.8788, 0.3152, 0.3060

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.



78.8430, 0.3309, 0.3177



78.8430, 0.3103, 0.3531



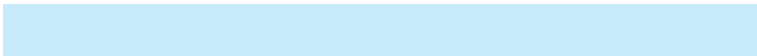
78.8430, 0.2979, 0.3009

Square

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



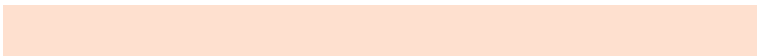
78.8430, 0.3103, 0.3531



78.8430, 0.2805, 0.3110



78.8430, 0.3145, 0.3065



78.8430, 0.3460, 0.3458

Rectangle

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



78.8430, 0.3103, 0.3531



78.8430, 0.2865, 0.3302



78.8430, 0.3145, 0.3065



78.8430, 0.3395, 0.3270

Sweetspot

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



78.8464, 0.3103, 0.3531



98.1331, 0.3120, 0.3358



82.3076, 0.3267, 0.3541



20.9004, 0.3118, 0.3377



0.0000, 0.0000, 0.0000



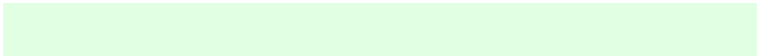
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8464, 0.3103, 0.3531



92.9701, 0.3098, 0.3580



79.4630, 0.3032, 0.3402



16.8819, 0.3105, 0.3513



33.1015, 0.2985, 0.5946



2.6061, 0.2947, 0.5810

Inverse Universe

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



70.8788, 0.3152, 0.3060



81.8486, 0.3157, 0.3017



70.2308, 0.3233, 0.3181



15.2916, 0.3150, 0.3076



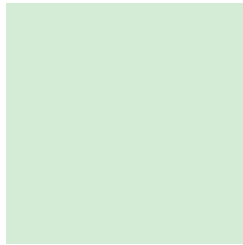
12.5992, 0.3423, 0.1659



0.9956, 0.3390, 0.1641

Previews

White Background



This preview shows how the Yxy color 78.8430, 0.3103, 0.3531 looks on a white background.

Color Contrast Check

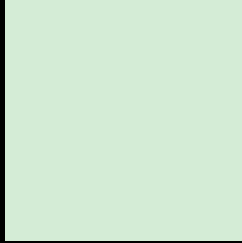
Large Text (above 18pt) WCAG AA × Fail

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 78.8430, 0.3103, 0.3531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

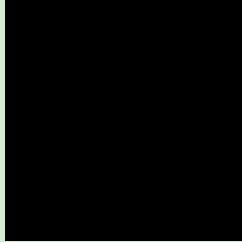
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

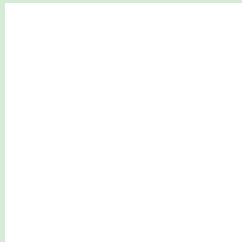
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8430, 0.3103, 0.3531

Background



This preview shows how black text looks on a background with the Yxy color 78.8430, 0.3103, 0.3531.

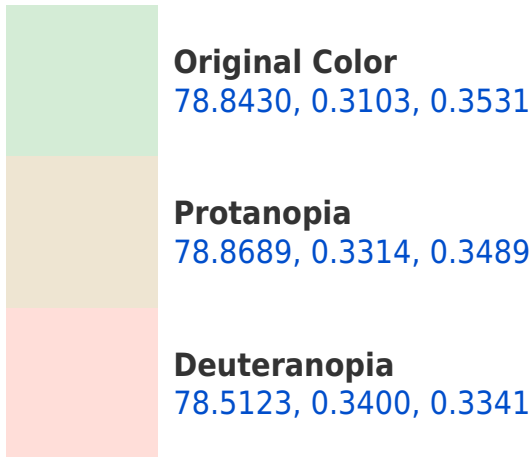


This preview shows how white text looks on a background with the Yxy color 78.8430, 0.3103, 0.3531.

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

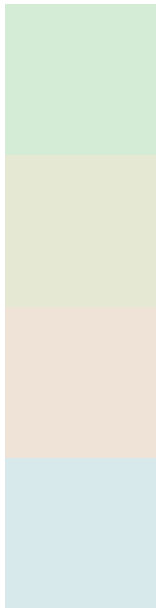




Tritanopia

78.8968, 0.2932, 0.3101

Trichromacy



Original Color

78.8430, 0.3103, 0.3531

Protanomaly

79.0744, 0.3241, 0.3514

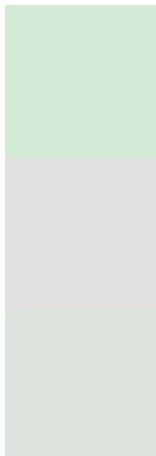
Deuteranomaly

78.2468, 0.3284, 0.3405

Tritanomaly

78.9329, 0.2996, 0.3258

Monochromacy



Original Color

78.8430, 0.3103, 0.3531

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.2397, 0.3116, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8430, 0.3103, 0.3531 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(212, 236, 214)` looks like.

```
.text, #text, p{  
    color:rgb(212, 236, 214)  
}
```

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(212, 236, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 236, 214) }
```

Border

The CSS property to change the border of an element to Yxy 78.8430, 0.3103, 0.3531 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(212, 236, 214) }
```

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

```
.border{ border-color:rgb(212, 236, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 236, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 236, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 236, 214);  
box-shadow:4px 4px 4px 4px rgb(212, 236,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8430, 0.3103, 0.3531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 236, 214) }
```

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

```
.background{ background-color: rgb(212,  
236, 214) }
```

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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