

Converting Colors

$Yxy(76.6571, 0.3101, 0.3522)$

Have a look what the booklet for
Yxy(76.6571, 0.3101, 0.3522)
contains.

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Color

Yxy(76.7329, 0.3103, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	D2E9D4
RGB	210, 233, 212
RGB Percent	82%, 91%, 83%
CMY	0.1764, 0.0863, 0.1686
CMYK	0.10, 0.00, 0.09, 0.09
HSL	125°, 34%, 87%
HSV	125°, 10%, 91%
XYZ	67.6043, 76.7329, 73.5302
YIQ	223.7290, -6.9670, -11.4070

Conversions

Conversions Part 2

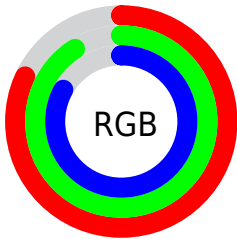
Format	Color
RYB	210, 231, 233
Decimal	13822420
CIELab	90.20, -11.43, 7.63
CIELCh	90, 13.744, 146.266
Yxy	76.7329, 0.3103, 0.3522
Android (android.graphics.Color)	4292012500 (0xFFD2E9D4)
YUV	223.7290, -5.7824, -12.0403
Hunter-Lab	87.5973, -15.5358, 11.5494

Details

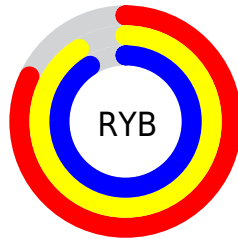
The Yxy color **76.7329, 0.3103, 0.3522** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1983, 0.3152, 0.3068**, and the grayscale version is **74.3873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8472, 0.3096, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **72.5561, 0.3077, 0.3789**, and if you desaturate by 10%, it is **81.5560, 0.3127, 0.3287**.

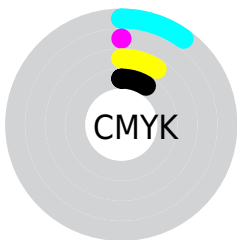
Distribution



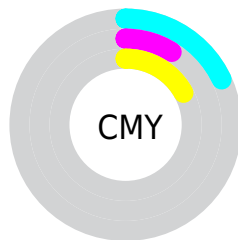
- Red (82%)
- Green (91%)
- Blue (83%)



- Red (82%)
- Yellow (91%)
- Blue (91%)



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





- Cyan (18%)
- Magenta (9%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7329, 0.3103, 0.3522 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 76.7329, 0.3103, 0.3522 by changing the saturation by 10% instead.


 76.7329, 0.3103,
0.3522

 76.7329, 0.3103,
0.3522


483.8529, 0.3115,
0.3414

 57.0337, 0.3100,
0.3547


128.7624, 0.3107,
0.3484

 41.0323, 0.3096,
0.3578


161.8614, 0.3109,
0.3470

 28.3443, 0.3092,
0.3617


200.1959, 0.3110,
0.3457

 18.5854, 0.3085,
0.3669

244.1501, 0.3112,
0.3446

 11.3711, 0.3075,
0.3741

294.1085, 0.3113,
0.3437

 6.3170, 0.3061,
0.3845

350.4555, 0.3113,

 3.0388, 0.3035,

0.3428

0.4012

413.5755, 0.3114,
0.3421

■ 1.1520, 0.3006,
0.4361

■ 0.0220, 0.0000,
1.0000

■ 76.7329, 0.3103,
0.3522

■ 76.7329, 0.3103,
0.3522

■ 72.5561, 0.3077,
0.3789

■ 81.5560, 0.3127,
0.3287

■ 68.9888, 0.3052,
0.4086

■ 86.7321, 0.3140,
0.3082

■ 66.0054, 0.3027,
0.4408

■ 86.7583, 0.3137,
0.3078

■ 63.5748, 0.3005,
0.4744

■ 61.6629, 0.2988,
0.5078

■ 60.2318, 0.2977,
0.5386

■ 59.2385, 0.2974,
0.5646

■ 58.6322, 0.2979,
0.5837

■ 58.3320, 0.2987,
0.5952

Harmonies

Analogous

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



76.7329, 0.3265, 0.3576



76.7329, 0.3103, 0.3522



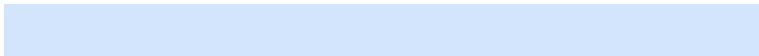
76.7329, 0.2950, 0.3401

Triad

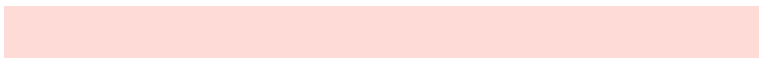
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.7329, 0.3103, 0.3522



76.7329, 0.2866, 0.3033



76.7329, 0.3416, 0.3319

Complementary

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



76.7329, 0.3103, 0.3522



69.1983, 0.3152, 0.3068

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.



76.7329, 0.3304, 0.3181



76.7329, 0.3103, 0.3522



76.7329, 0.2985, 0.3019

Square

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



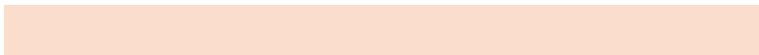
76.7329, 0.3103, 0.3522



76.7329, 0.2816, 0.3116



76.7329, 0.3145, 0.3073



76.7329, 0.3449, 0.3453

Rectangle

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



76.7329, 0.3103, 0.3522



76.7329, 0.2874, 0.3301



76.7329, 0.3145, 0.3073



76.7329, 0.3386, 0.3272

Sweetspot

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



76.7362, 0.3103, 0.3522



98.1356, 0.3120, 0.3358



79.9357, 0.3260, 0.3534



20.9011, 0.3118, 0.3376



0.0000, 0.0000, 0.0000



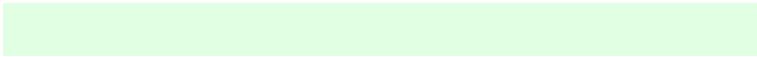
21.4041, 0.3127, 0.3290

Same Dimension

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



76.7362, 0.3103, 0.3522



92.9789, 0.3097, 0.3578



77.3337, 0.3033, 0.3394



16.8832, 0.3104, 0.3512



33.1042, 0.2984, 0.5942



2.6067, 0.2944, 0.5798

Inverse Universe

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



69.1983, 0.3152, 0.3068



81.8385, 0.3158, 0.3018



68.5732, 0.3232, 0.3188



15.2902, 0.3151, 0.3077



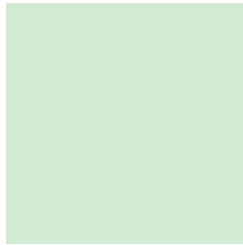
12.5647, 0.3437, 0.1667



0.9932, 0.3402, 0.1648

Previews

White Background



This preview shows how the Yxy color 76.7329, 0.3103, 0.3522 looks on a white background.

Color Contrast Check

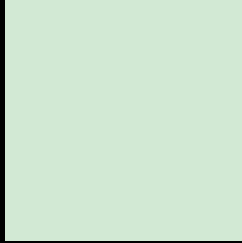
Large Text (above 18pt) WCAG AA × Fail

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 76.7329, 0.3103, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

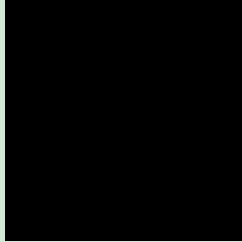
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

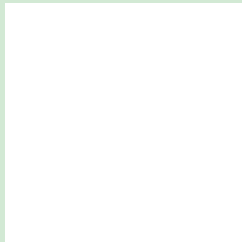
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.7329, 0.3103, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 76.7329, 0.3103, 0.3522.

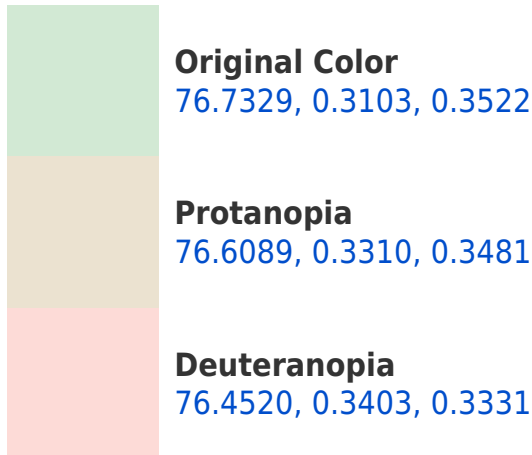


This preview shows how white text looks on a background with the Yxy color 76.7329, 0.3103, 0.3522.

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

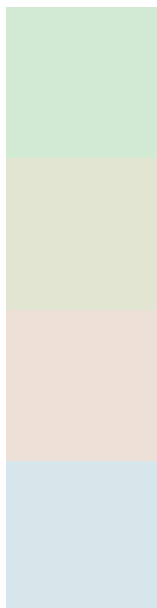




Tritanopia

76.7396, 0.2936, 0.3099

Trichromacy



Original Color

76.7329, 0.3103, 0.3522

Protanomaly

76.8108, 0.3235, 0.3506

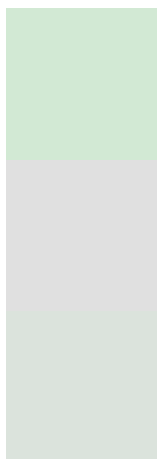
Deuteranomaly

76.1709, 0.3286, 0.3396

Tritanomaly

76.8303, 0.2995, 0.3247

Monochromacy



Original Color

76.7329, 0.3103, 0.3522

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1655, 0.3117, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7329, 0.3103, 0.3522 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(210, 233, 212)` looks like.

```
.text, #text, p{  
    color:rgb(210, 233, 212)  
}
```

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(210, 233, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 233, 212) }
```

Border

The CSS property to change the border of an element to Yxy 76.7329, 0.3103, 0.3522 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(210, 233, 212) }
```

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

```
.border{ border-color:rgb(210, 233, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 233, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 233, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 233, 212);  
box-shadow:4px 4px 4px 4px rgb(210, 233,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7329, 0.3103, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 233, 212) }
```

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

```
.background{ background-color: rgb(210,  
233, 212) }
```

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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