

Converting Colors

$Yxy(75.7529, 0.3144, 0.3572)$

Have a look what the booklet for
Yxy(75.7529, 0.3144, 0.3572)
contains.

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Color

Yxy(76.0183, 0.3148, 0.3579)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D3E8CE |
| RGB | 211, 232, 206 |
| RGB Percent | 83%, 91%, 81% |
| CMY | 0.1724, 0.0902, 0.1923 |
| CMYK | 0.09, 0.00, 0.11, 0.09 |
| HSL | 108°, 36%, 86% |
| HSV | 108°, 11%, 91% |
| XYZ | 66.8638, 76.0183, 69.5188 |
| YIQ | 222.7570, -4.1700, -12.5380 |

Conversions

Conversions Part 2

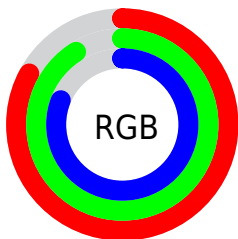
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 206, 232, 227 |
| Decimal | 13887694 |
| CIE _{Lab} | 89.87, -11.64, 10.31 |
| CIE _{LCh} | 90, 15.552, 138.459 |
| Yxy | 76.0183, 0.3148, 0.3579 |
| Android (android.graphics.Color) | 4292077774 (0xFFD3E8CE) |
| YUV | 222.7570, -8.2612, -10.3109 |
| Hunter-Lab | 87.1885, -15.6903, 13.7577 |

Details

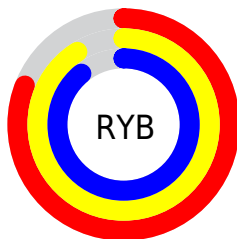
The Yxy color **76.0183, 0.3148, 0.3579** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.2733, 0.3103, 0.3011**, and the grayscale version is **73.6758, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.3856, 0.3146, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **72.3740, 0.3164, 0.3868**, and if you desaturate by 10%, it is **80.1564, 0.3130, 0.3320**.

Distribution



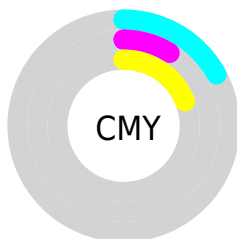
- Red (83%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)





- Cyan (17%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0183, 0.3148, 0.3579 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 76.0183, 0.3148, 0.3579 by changing the saturation by 10% instead.


 76.0183, 0.3148,
0.3579

 76.0183, 0.3148,
0.3579


481.4103, 0.3140,
0.3444

 56.4475, 0.3150,
0.3610


127.7528, 0.3145,
0.3532

 40.5618, 0.3151,
0.3649


160.6853, 0.3144,
0.3513

 27.9769, 0.3153,
0.3699


198.8404, 0.3143,
0.3498

 18.3082, 0.3156,
0.3764

242.6027, 0.3142,
0.3484

 11.1715, 0.3158,
0.3854

292.3564, 0.3142,
0.3472

 6.1823, 0.3159,
0.3987

348.4860, 0.3141,

 2.9563, 0.3156,

0.3462

0.4199

411.3758, 0.3140,
0.3452

1.1089, 0.3235,
0.4756

0.0000, 0.0000,
0.0000

76.0183, 0.3148,
0.3579

76.0183, 0.3148,
0.3579

72.3740, 0.3164,
0.3868

80.1564, 0.3130,
0.3320

69.1956, 0.3177,
0.4184

84.7958, 0.3110,
0.3090

66.4670, 0.3184,
0.4519

86.1936, 0.3138,
0.3068

64.1673, 0.3184,
0.4859

■ 62.2743, 0.3175,
0.5187

■ 60.7634, 0.3155,
0.5478

■ 59.6072, 0.3127,
0.5712

■ 58.7744, 0.3091,
0.5871

■ 58.2744, 0.3059,
0.5953

Harmonies

Analogous

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



76.0183, 0.3327, 0.3616



76.0183, 0.3148, 0.3579



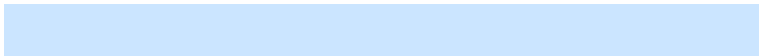
76.0183, 0.2968, 0.3457

Triad

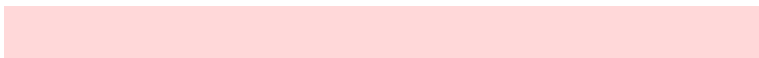
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0183, 0.3148, 0.3579



76.0183, 0.2808, 0.3016



76.0183, 0.3430, 0.3280

Complementary

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



76.0183, 0.3148, 0.3579



66.2733, 0.3103, 0.3011

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.



76.0183, 0.3284, 0.3131



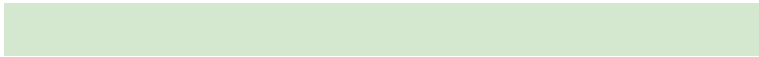
76.0183, 0.3148, 0.3579



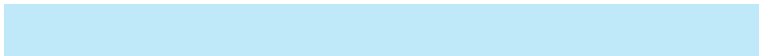
76.0183, 0.2925, 0.2979

Square

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



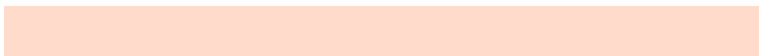
76.0183, 0.3148, 0.3579



76.0183, 0.2775, 0.3127



76.0183, 0.3098, 0.3022



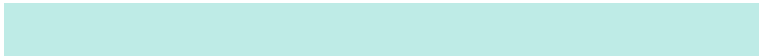
76.0183, 0.3493, 0.3437

Rectangle

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



76.0183, 0.3148, 0.3579



76.0183, 0.2870, 0.3347



76.0183, 0.3098, 0.3022



76.0183, 0.3389, 0.3228

Sweetspot

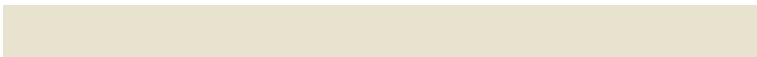
The Sweet Spot groups the original color and five complimentary colors.



76.0216, 0.3148, 0.3579



98.3670, 0.3133, 0.3364



76.4360, 0.3301, 0.3513



20.9632, 0.3134, 0.3384



0.0000, 0.0000, 0.0000



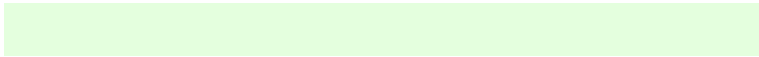
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0216, 0.3148, 0.3579



93.3286, 0.3151, 0.3630



75.6743, 0.3065, 0.3493



16.2234, 0.3145, 0.3531



32.3926, 0.3067, 0.5947



2.4317, 0.3159, 0.5873

Inverse Universe

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



66.2733, 0.3103, 0.3011



79.4405, 0.3098, 0.2964



66.6745, 0.3195, 0.3095



14.4662, 0.3107, 0.3056



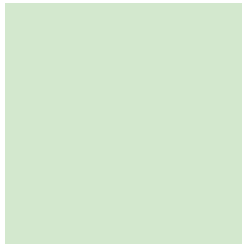
9.1441, 0.2722, 0.1273



0.7121, 0.2797, 0.1315

Previews

White Background



This preview shows how the Yxy color 76.0183, 0.3148, 0.3579 looks on a white background.

Color Contrast Check

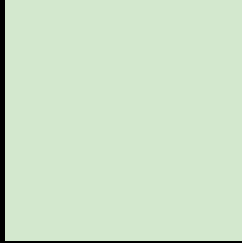
Large Text (above 18pt) WCAG AA × Fail

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 76.0183, 0.3148, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

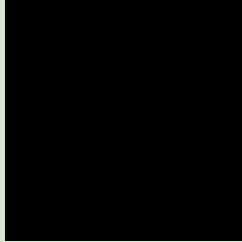
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

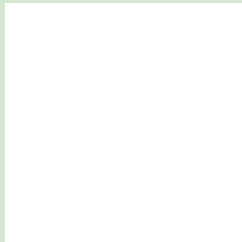
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0183, 0.3148, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 76.0183, 0.3148, 0.3579.

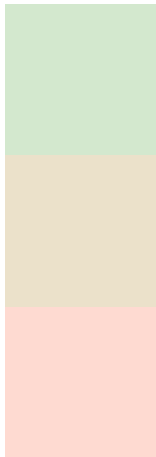


This preview shows how white text looks on a background with the Yxy color 76.0183, 0.3148, 0.3579.

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

76.0183, 0.3148, 0.3579

Protanopia

75.7769, 0.3352, 0.3535

Deuteranopia

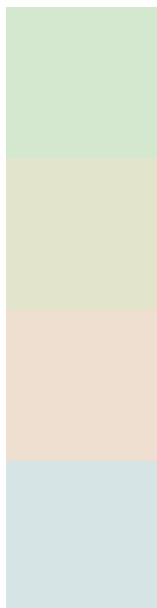
75.8171, 0.3456, 0.3383



Tritanopia

75.6761, 0.2954, 0.3099

Trichromacy



Original Color

76.0183, 0.3148, 0.3579

Protanomaly

75.9674, 0.3276, 0.3561

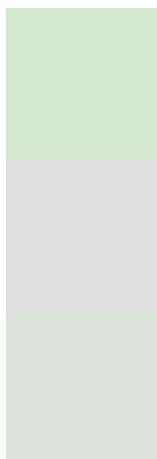
Deuteranomaly

75.5066, 0.3336, 0.3449

Tritanomaly

75.6470, 0.3026, 0.3268

Monochromacy



Original Color

76.0183, 0.3148, 0.3579

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4625, 0.3136, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0183, 0.3148, 0.3579 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(211, 232, 206)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 206)  
}
```

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(211, 232, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 206) }
```

Border

The CSS property to change the border of an element to Yxy 76.0183, 0.3148, 0.3579 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(211, 232, 206) }
```

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

```
.border{ border-color:rgb(211, 232, 206) }
```

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

Here you see how a box with a 4 pixel rgb(211, 232, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 206);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0183, 0.3148, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 232, 206) }
```

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

```
.background{ background-color: rgb(211,  
232, 206) }
```

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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