

Converting Colors

Yxy(76.7062, 0.3164, 0.3603)

Have a look what the booklet for
Yxy(76.7062, 0.3164, 0.3603)
contains.

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Color

Yxy(76.6827, 0.3160, 0.3600)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D4E9CD |
| RGB | 212, 233, 205 |
| RGB Percent | 83%, 91%, 80% |
| CMY | 0.1686, 0.0863, 0.1961 |
| CMYK | 0.09, 0.00, 0.12, 0.09 |
| HSL | 105°, 39%, 86% |
| HSV | 105°, 12%, 91% |
| XYZ | 67.3104, 76.6827, 69.0144 |
| YIQ | 223.5290, -3.5280, -13.1600 |

Conversions

Conversions Part 2

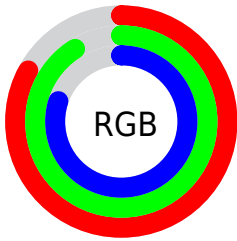
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 205, 233, 226 |
| Decimal | 13953485 |
| CIE Lab | 90.18, -11.98, 11.26 |
| CIE LCh | 90, 16.440, 136.767 |
| Yxy | 76.6827, 0.3160, 0.3600 |
| Android (android.graphics.Color) | 4292143565 (0xFFD4E9CD) |
| YUV | 223.5290, -9.1348, -10.1109 |
| Hunter-Lab | 87.5687, -16.0397, 14.5705 |

Details

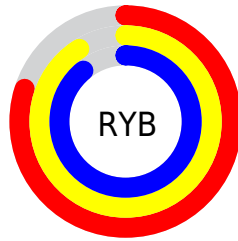
The Yxy color **76.6827, 0.3160, 0.3600** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.7198, 0.3089, 0.2990**, and the grayscale version is **74.2583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8467, 0.3162, 0.3668** is the 20% darker color. If you saturate the color by 10%, you get **73.1845, 0.3185, 0.3889**, and if you desaturate by 10%, it is **80.6363, 0.3133, 0.3339**.

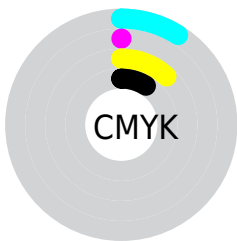
Distribution



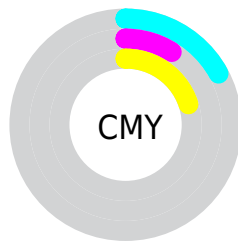
- Red (83%)
- Green (91%)
- Blue (80%)



- Red (80%)
- Yellow (91%)
- Blue (89%)



- Cyan (9%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)



- Cyan (17%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6827, 0.3160, 0.3600 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 76.6827, 0.3160, 0.3600 by changing the saturation by 10% instead.

■ 76.6827, 0.3160,
0.3600

■ 76.6827, 0.3160,
0.3600

483.6815, 0.3146,
0.3455

■ 56.9925, 0.3163,
0.3634

128.6915, 0.3156,
0.3549

■ 40.9992, 0.3166,
0.3675

161.7788, 0.3154,
0.3530

■ 28.3185, 0.3170,
0.3728

200.1007, 0.3152,
0.3513

■ 18.5659, 0.3174,
0.3798

244.0415, 0.3151,
0.3498

■ 11.3570, 0.3179,
0.3894

293.9856, 0.3149,
0.3486

■ 6.3075, 0.3184,
0.4035

350.3173, 0.3148,

■ 3.0329, 0.3186,

0.3474

0.4261

413.4212, 0.3147,
0.3464

■ 1.1490, 0.3289,
0.4855

■ 0.0194, 0.0000,
1.0000

■ 76.6827, 0.3160,
0.3600

■ 76.6827, 0.3160,
0.3600

■ 73.1845, 0.3185,
0.3889

■ 80.6363, 0.3133,
0.3339

■ 70.1154, 0.3206,
0.4202

■ 85.0509, 0.3105,
0.3107

■ 67.4616, 0.3220,
0.4532

■ 86.7606, 0.3137,
0.3078

■ 65.2044, 0.3225,
0.4866

■ 63.3239, 0.3219,
0.5185

■ 61.7983, 0.3201,
0.5467

■ 60.6031, 0.3170,
0.5693

■ 59.7104, 0.3129,
0.5849

■ 59.1865, 0.3093,
0.5926

Harmonies

Analogous

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



76.6827, 0.3347, 0.3633



76.6827, 0.3160, 0.3600



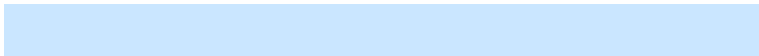
76.6827, 0.2969, 0.3476

Triad

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



76.6827, 0.3160, 0.3600



76.6827, 0.2787, 0.3005



76.6827, 0.3440, 0.3270

Complementary

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



76.6827, 0.3160, 0.3600



65.7198, 0.3089, 0.2990

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.



76.6827, 0.3281, 0.3114



76.6827, 0.3160, 0.3600



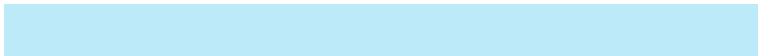
76.6827, 0.2905, 0.2963

Square

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



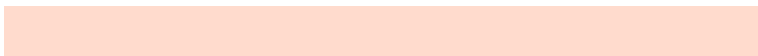
76.6827, 0.3160, 0.3600



76.6827, 0.2757, 0.3126



76.6827, 0.3085, 0.3003



76.6827, 0.3512, 0.3435

Rectangle

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



76.6827, 0.3160, 0.3600



76.6827, 0.2864, 0.3360



76.6827, 0.3085, 0.3003



76.6827, 0.3395, 0.3215

Sweetspot

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



76.6860, 0.3160, 0.3600



97.9379, 0.3138, 0.3389



76.1282, 0.3316, 0.3514



20.8819, 0.3140, 0.3408



0.0000, 0.0000, 0.0000



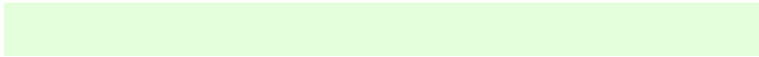
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6860, 0.3160, 0.3600



93.1801, 0.3165, 0.3657



76.0145, 0.3069, 0.3524



17.0439, 0.3153, 0.3531



33.6313, 0.3102, 0.5919



2.6851, 0.3198, 0.5842

Inverse Universe

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



65.7198, 0.3089, 0.2990



77.6472, 0.3082, 0.2936



66.4817, 0.3190, 0.3067



15.1133, 0.3098, 0.3055



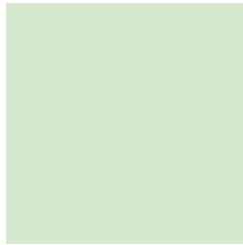
8.5572, 0.2585, 0.1198



0.7167, 0.2675, 0.1247

Previews

White Background



This preview shows how the Yxy color 76.6827, 0.3160, 0.3600 looks on a white background.

Color Contrast Check

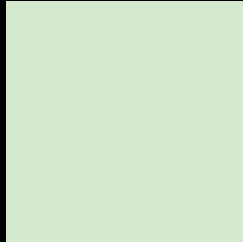
Large Text (above 18pt) WCAG AA × Fail

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 76.6827, 0.3160, 0.3600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

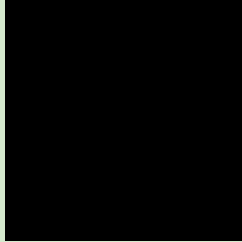
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

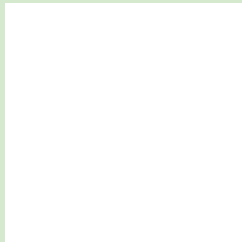
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6827, 0.3160, 0.3600

Background



This preview shows how black text looks on a background with the Yxy color 76.6827, 0.3160, 0.3600.

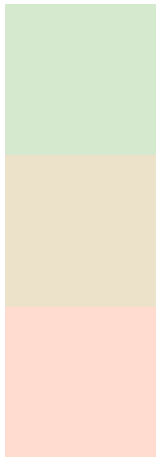


This preview shows how white text looks on a background with the Yxy color 76.6827, 0.3160, 0.3600.

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

76.6827, 0.3160, 0.3600

Protanopia

76.4426, 0.3365, 0.3556

Deuteranopia

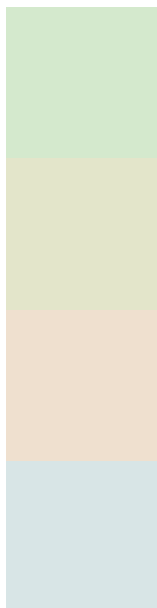
76.4771, 0.3468, 0.3403



Tritanopia

76.4362, 0.2955, 0.3100

Trichromacy



Original Color

76.6827, 0.3160, 0.3600

Protanomaly

76.6338, 0.3289, 0.3582

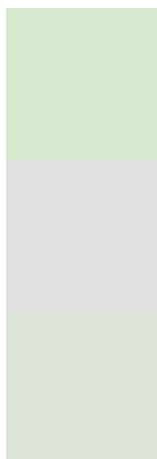
Deuteranomaly

76.1670, 0.3349, 0.3469

Tritanomaly

76.3507, 0.3033, 0.3279

Monochromacy



Original Color

76.6827, 0.3160, 0.3600

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1636, 0.3143, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6827, 0.3160, 0.3600 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, 233, 205)` looks like.

```
.text, #text, p{  
    color:rgb(212, 233, 205)  
}
```

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, 233, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 233, 205) }
```

Border

The CSS property to change the border of an element to Yxy 76.6827, 0.3160, 0.3600 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, 233, 205) }
```

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

```
.border{ border-color:rgb(212, 233, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 233, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 233, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 233, 205);  
box-shadow:4px 4px 4px 4px rgb(212, 233,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6827, 0.3160, 0.3600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 233, 205) }
```

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

```
.background{ background-color: rgb(212,  
233, 205) }
```

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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