

Converting Colors

Yxy(76.4574, 0.3237, 0.3820)

Have a look what the booklet for
Yxy(76.4574, 0.3237, 0.3820)
contains.

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Color

Yxy(76.4574, 0.3237, 0.3820)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0EBBC |
| RGB | 208, 235, 188 |
| RGB Percent | 82%, 92%, 74% |
| CMY | 0.1844, 0.0784, 0.2628 |
| CMYK | 0.12, 0.00, 0.20, 0.08 |
| HSL | 94°, 54%, 83% |
| HSV | 94°, 20%, 92% |
| XYZ | 64.7886, 76.4574, 58.9042 |
| YIQ | 221.5690, -1.0050, -20.3410 |

Conversions

Conversions Part 2

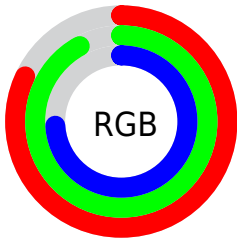
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 188, 235, 215 |
| Decimal | 13691836 |
| CIELab | 90.07, -17.17, 19.92 |
| CIELCh | 90, 26.294, 130.757 |
| Yxy | 76.4574, 0.3237, 0.3820 |
| Android (android.graphics.Color) | 4291881916 (0xFFD0EBBC) |
| YUV | 221.5690, -16.5495, -11.9000 |
| Hunter-Lab | 87.4399, -20.7602, 21.2670 |

Details

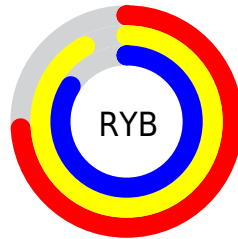
The Yxy color **76.4574, 0.3237, 0.3820** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.4048, 0.2995, 0.2769**, and the grayscale version is **72.8434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **40.7618, 0.3252, 0.3942** is the 20% darker color. If you saturate the color by 10%, you get **73.6528, 0.3287, 0.4116**, and if you desaturate by 10%, it is **79.6005, 0.3183, 0.3544**.

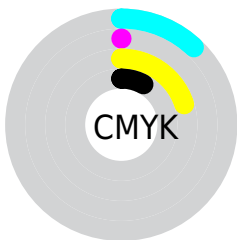
Distribution



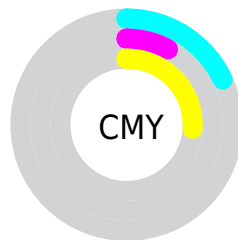
- Red (82%)
- Green (92%)
- Blue (74%)



- Red (74%)
- Yellow (92%)
- Blue (84%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (8%)




- Cyan (18%)
- Magenta (8%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4574, 0.3237, 0.3820 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 76.4574, 0.3237, 0.3820 by changing the saturation by 10% instead.

 76.4574, 0.3237,
0.3820

 76.4574, 0.3237,
0.3820


482.9120, 0.3190,
0.3570

 56.8077, 0.3246,
0.3878


 128.3733, 0.3222,
0.3732

 40.8508, 0.3258,
0.3951


161.4082, 0.3216,
0.3698

 28.2025, 0.3271,
0.4043


199.6736, 0.3210,
0.3669

 18.4784, 0.3286,
0.4166

243.5539, 0.3205,
0.3644

 11.2940, 0.3303,
0.4335

293.4335, 0.3201,
0.3622

 6.2649, 0.3320,
0.4582


349.6968, 0.3197,


 3.0068, 0.3327,

0.3603

0.4972


412.7282, 0.3194,
0.3585

 1.1353, 0.3607,
0.6393


 0.0079, 0.0000,
1.0000

 76.4574, 0.3237,
0.3820


 76.4574, 0.3237,
0.3820


 73.6528, 0.3287,
0.4116


 79.6005, 0.3183,
0.3544

 71.1648, 0.3330,
0.4425

 83.0836, 0.3127,
0.3290

 68.9835, 0.3362,
0.4736

 86.6948, 0.3093,
0.3095


 67.0952, 0.3379,
0.5034

 87.9057, 0.3136,
0.3098

 65.4845, 0.3377,
0.5302

 64.1344, 0.3356,
0.5524

 63.0254, 0.3314,
0.5687

 62.1287, 0.3260,
0.5794

Harmonies

Analogous

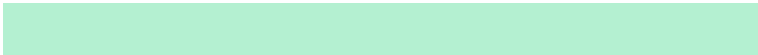
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4574, 0.3526, 0.3832



76.4574, 0.3237, 0.3820



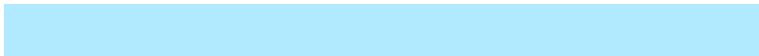
76.4574, 0.2928, 0.3643

Triad

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



76.4574, 0.3237, 0.3820



76.4574, 0.2570, 0.2863



76.4574, 0.3587, 0.3201

Complementary

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



76.4574, 0.3237, 0.3820



56.4048, 0.2995, 0.2769

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.



76.4574, 0.3310, 0.2972



76.4574, 0.3237, 0.3820



76.4574, 0.2726, 0.2778

Square

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



76.4574, 0.3237, 0.3820



76.4574, 0.2553, 0.3071



76.4574, 0.2994, 0.2820



76.4574, 0.3737, 0.3460

Rectangle

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



76.4574, 0.3237, 0.3820



76.4574, 0.2753, 0.3459



76.4574, 0.2994, 0.2820



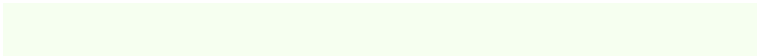
76.4574, 0.3505, 0.3118

Sweetspot

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



76.4607, 0.3237, 0.3820



97.4230, 0.3161, 0.3440



69.7078, 0.3469, 0.3580



20.7945, 0.3164, 0.3456



0.0000, 0.0000, 0.0000



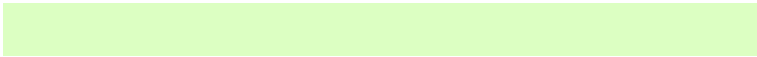
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4607, 0.3237, 0.3820



90.5924, 0.3258, 0.3939



73.8802, 0.3082, 0.3804



17.1750, 0.3180, 0.3529



34.6439, 0.3271, 0.5785



2.7760, 0.3379, 0.5699

Inverse Universe

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



56.4048, 0.2995, 0.2769



62.3707, 0.2963, 0.2655



59.4396, 0.3174, 0.2825



14.9765, 0.3070, 0.3053



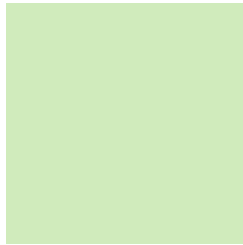
6.2872, 0.2178, 0.0974



0.5502, 0.2316, 0.1050

Previews

White Background



This preview shows how the Yxy color 76.4574, 0.3237, 0.3820 looks on a white background.

Color Contrast Check

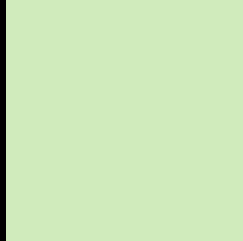
Large Text (above 18pt) WCAG AA × Fail

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 76.4574, 0.3237, 0.3820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

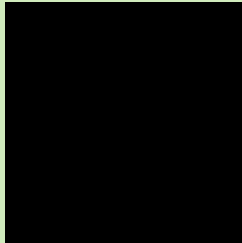
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

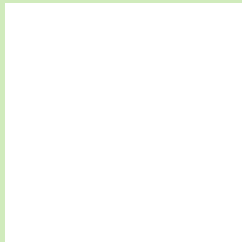
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4574, 0.3237, 0.3820

Background



This preview shows how black text looks on a background with the Yxy color 76.4574, 0.3237, 0.3820.

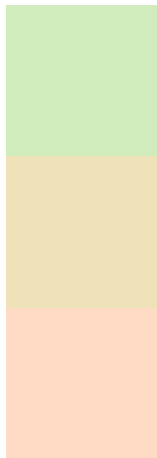


This preview shows how white text looks on a background with the Yxy color 76.4574, 0.3237, 0.3820.

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

76.4574, 0.3237, 0.3820

Protanopia

76.3787, 0.3511, 0.3735

Deuteranopia

76.0003, 0.3541, 0.3505



Tritanopia

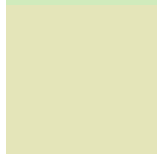
76.2825, 0.2948, 0.3099

Trichromacy



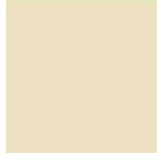
Original Color

76.4574, 0.3237, 0.3820



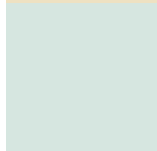
Protanomaly

76.0354, 0.3409, 0.3769



Deuteranomaly

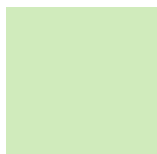
75.9226, 0.3429, 0.3620



Tritanomaly

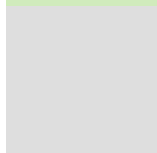
76.2716, 0.3056, 0.3355

Monochromacy



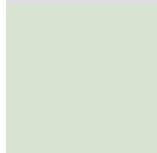
Original Color

76.4574, 0.3237, 0.3820



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.3430, 0.3167, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4574, 0.3237, 0.3820 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(208, 235, 188)` looks like.

```
.text, #text, p{  
    color:rgb(208, 235, 188)  
}
```

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(208, 235, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 235, 188) }
```

Border

The CSS property to change the border of an element to Yxy 76.4574, 0.3237, 0.3820 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(208, 235, 188) }
```

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

```
.border{ border-color:rgb(208, 235, 188) }
```

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

Here you see how a box with a 4 pixel rgb(208, 235, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 235, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 235, 188);  
box-shadow:4px 4px 4px 4px rgb(208, 235,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4574, 0.3237, 0.3820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 235, 188) }
```

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

```
.background{ background-color: rgb(208,  
235, 188) }
```

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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