

Converting Colors

$Yxy(76.7235, 0.3151, 0.3474)$

Have a look what the booklet for
Yxy(76.7235, 0.3151, 0.3474)
contains.

Yxy(76.9123, 0.3146, 0.3475)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.9123, 0.3146, 0.3475)

Conversions

Conversions Part 1

Format	Color
Hex	DAE7D6
RGB	218, 231, 214
RGB Percent	85%, 91%, 84%
CMY	0.1450, 0.0941, 0.1608
CMYK	0.06, 0.00, 0.07, 0.09
HSL	106°, 26%, 87%
HSV	106°, 7%, 91%
XYZ	69.6305, 76.9123, 74.7875
YIQ	225.1750, -2.2910, -8.0430

Conversions

Conversions Part 2

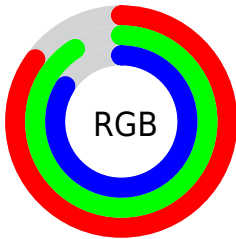
Format	Color
R_{YB}	214, 231, 227
Decimal	14346198
CIE Lab	90.28, -7.37, 6.78
CIE LCh	90, 10.016, 137.389
Yxy	76.9123, 0.3146, 0.3475
Android (android.graphics.Color)	4292536278 (0xFFDAE7D6)
YUV	225.1750, -5.5093, -6.2925
Hunter-Lab	87.6997, -11.7515, 10.8291

Details

The Yxy color **76.9123, 0.3146, 0.3475** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1848, 0.3107, 0.3109**, and the grayscale version is **75.4728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9497, 0.3152, 0.3518** is the 20% darker color. If you saturate the color by 10%, you get **73.2428, 0.3170, 0.3751**, and if you desaturate by 10%, it is **81.0448, 0.3120, 0.3228**.

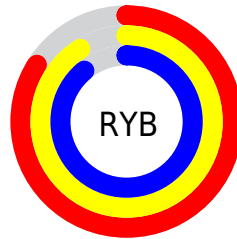
Distribution



Red (85%)

Green (91%)

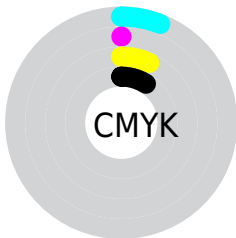
Blue (84%)



Red (84%)

Yellow (91%)

Blue (89%)

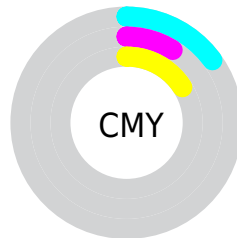


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (9%)



Cyan (15%)

Magenta (9%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9123, 0.3146, 0.3475 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 76.9123, 0.3146, 0.3475 by changing the saturation by 10% instead.

■ 76.9123, 0.3146,
0.3475

■ 76.9123, 0.3146,
0.3475

484.4650, 0.3138,
0.3389

■ 57.1809, 0.3148,
0.3495

129.0157, 0.3143,
0.3445

■ 41.1505, 0.3150,
0.3519

162.1564, 0.3142,
0.3434

■ 28.4367, 0.3152,
0.3550

200.5358, 0.3141,
0.3424

■ 18.6551, 0.3155,
0.3591

244.5381, 0.3140,
0.3415

■ 11.4213, 0.3159,
0.3646

294.5478, 0.3140,
0.3407

■ 6.3510, 0.3164,
0.3727

350.9492, 0.3139,

■ 3.0597, 0.3170,

0.3401

414.1268, 0.3138,
0.3395

0.3855

1.1630, 0.3190,
0.4107

0.0311, 0.0000,
1.0000

76.9123, 0.3146,
0.3475

76.9123, 0.3146,
0.3475

73.2428, 0.3170,
0.3751

81.0448, 0.3120,
0.3228

70.0104, 0.3191,
0.4055

85.3067, 0.3126,
0.3057

67.2014, 0.3207,
0.4379

85.6322, 0.3138,
0.3058

64.7979, 0.3215,
0.4714

■ 62.7802, 0.3213,
0.5044

■ 61.1273, 0.3200,
0.5348

■ 59.8160, 0.3174,
0.5604

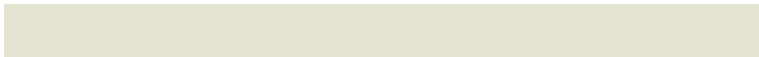
■ 58.8198, 0.3138,
0.5793

■ 58.1069, 0.3095,
0.5909

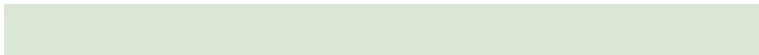
Harmonies

Analogous

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



76.9123, 0.3260, 0.3498



76.9123, 0.3146, 0.3475



76.9123, 0.3029, 0.3400

Triad

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



76.9123, 0.3146, 0.3475



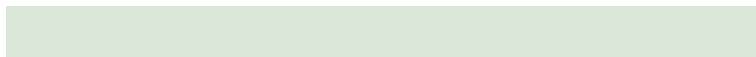
76.9123, 0.2919, 0.3116



76.9123, 0.3318, 0.3281

Complementary

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



76.9123, 0.3146, 0.3475



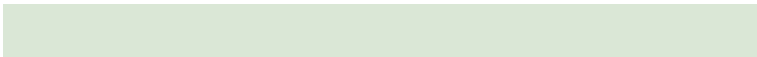
70.1848, 0.3107, 0.3109

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.



76.9123, 0.3224, 0.3184



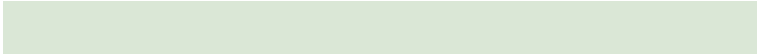
76.9123, 0.3146, 0.3475



76.9123, 0.2994, 0.3089

Square

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



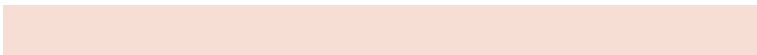
76.9123, 0.3146, 0.3475



76.9123, 0.2900, 0.3190



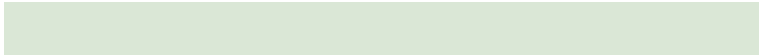
76.9123, 0.3105, 0.3114



76.9123, 0.3360, 0.3383

Rectangle

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



76.9123, 0.3146, 0.3475



76.9123, 0.2965, 0.3331



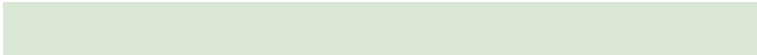
76.9123, 0.3105, 0.3114



76.9123, 0.3291, 0.3247

Sweetspot

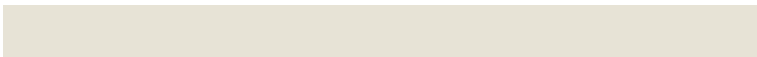
The Sweet Spot groups the original color and five complimentary colors.



76.9156, 0.3146, 0.3475



98.9452, 0.3132, 0.3339



76.6443, 0.3240, 0.3426



21.1894, 0.3132, 0.3337



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.



76.9156, 0.3146, 0.3475



95.4376, 0.3150, 0.3520



76.5219, 0.3092, 0.3429



16.2531, 0.3151, 0.3530



32.5385, 0.3094, 0.5926



2.4464, 0.3194, 0.5846

Inverse Universe

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



70.1848, 0.3107, 0.3109



85.2046, 0.3101, 0.3066



70.6103, 0.3164, 0.3155



14.4341, 0.3100, 0.3056



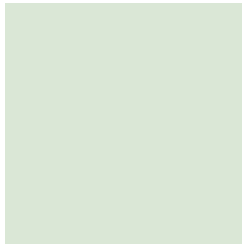
8.4862, 0.2617, 0.1215



0.6687, 0.2708, 0.1265

Previews

White Background



This preview shows how the Yxy color 76.9123, 0.3146, 0.3475 looks on a white background.

Color Contrast Check

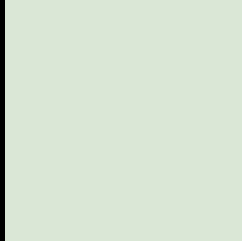
Large Text (above 18pt) WCAG AA × Fail

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 76.9123, 0.3146, 0.3475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

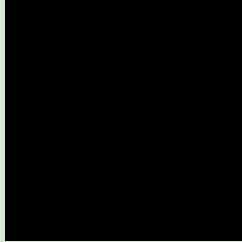
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

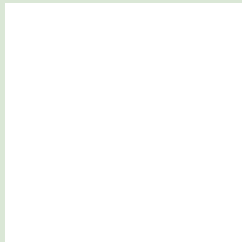
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9123, 0.3146, 0.3475

Background



This preview shows how black text looks on a background with the Yxy color 76.9123, 0.3146, 0.3475.

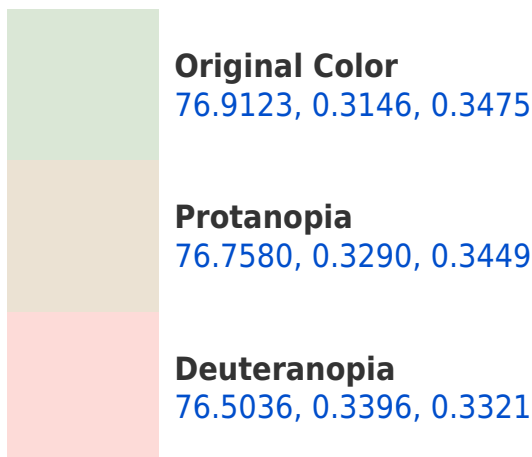


This preview shows how white text looks on a background with the Yxy color 76.9123, 0.3146, 0.3475.

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

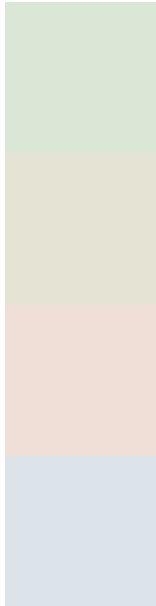




Tritanopia

76.6123, 0.2994, 0.3101

Trichromacy



Original Color

76.9123, 0.3146, 0.3475

Protanomaly

76.8983, 0.3238, 0.3461

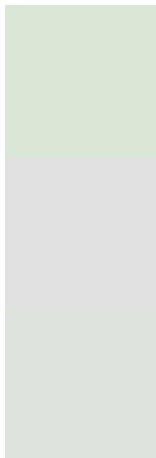
Deuteranomaly

76.2069, 0.3302, 0.3374

Tritanomaly

76.7421, 0.3048, 0.3237

Monochromacy



Original Color

76.9123, 0.3146, 0.3475

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.6882, 0.3131, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9123, 0.3146, 0.3475 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(218, 231, 214)` looks like.

```
.text, #text, p{  
    color:rgb(218, 231, 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(218, 231, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 231, 214) }
```

Border

The CSS property to change the border of an element to Yxy 76.9123, 0.3146, 0.3475 is called "border". The border property can be set on classes, ids or directly on the HTML element.

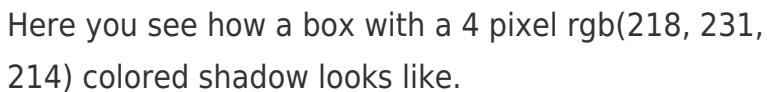
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(218, 231, 214) }
```

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

```
.border{ border-color:rgb(218, 231, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(218, 231, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 231, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 231, 214);  
box-shadow:4px 4px 4px 4px rgb(218, 231,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9123, 0.3146, 0.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 231, 214) }
```

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

```
.background{ background-color: rgb(218,  
231, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor