

Converting Colors

$Yxy(76.7582, 0.3359, 0.3991)$

Have a look what the booklet for
Yxy(76.7582, 0.3359, 0.3991)
contains.

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Color

Yxy(77.0051, 0.3357, 0.3996)

Conversions

Conversions Part 1

Format	Color
Hex	D4ECAD
RGB	212, 236, 173
RGB Percent	83%, 93%, 68%
CMY	0.1687, 0.0745, 0.3214
CMYK	0.10, 0.00, 0.27, 0.07
HSL	83°, 62%, 80%
HSV	83°, 27%, 93%
XYZ	64.6912, 77.0051, 51.0091
YIQ	221.6420, 5.9190, -24.6810

Conversions

Conversions Part 2

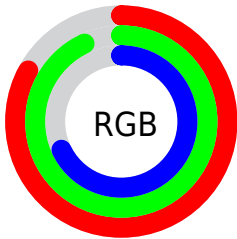
Format	Color
RYB	173, 236, 197
Decimal	13954221
CIELab	90.32, -18.48, 27.99
CIElCh	90, 33.534, 123.432
Yxy	77.0051, 0.3357, 0.3996
Android (android.graphics.Color)	4292144301 (0xFFD4ECAD)
YUV	221.6420, -23.9805, -8.4560
Hunter-Lab	87.7525, -21.9767, 26.9625

Details

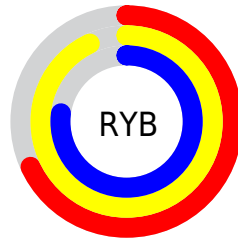
The Yxy color $77.0051, 0.3357, 0.3996$ is a light color, and the websafe version is hex `CCFFCC`. A complement of this color would be $47.8370, 0.2845, 0.2561$, and the grayscale version is $72.9536, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4371, 0.3280, 0.3542$, and $41.1667, 0.3405, 0.4170$ is the 20% darker color. If you saturate the color by 10%, you get $74.8733, 0.3436, 0.4282$, and if you desaturate by 10%, it is $79.3796, 0.3272, 0.3718$.

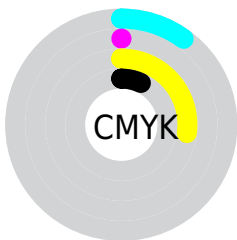
Distribution



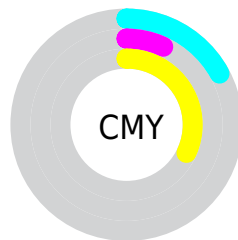
- Red (83%)
- Green (93%)
- Blue (68%)



- Red (68%)
- Yellow (93%)
- Blue (77%)



- Cyan (10%)
- Magenta (0%)
- Yellow (27%)
- Black (7%)





- Cyan (17%)
- Magenta (7%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0051, 0.3357, 0.3996 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 77.0051, 0.3357, 0.3996 by changing the saturation by 10% instead.


 77.0051, 0.3357,
0.3996

 77.0051, 0.3357,
0.3996


484.7814, 0.3258,
0.3663

 57.2571, 0.3377,
0.4073


 129.1467, 0.3325,
0.3879

 41.2117, 0.3401,
0.4169


162.3090, 0.3311,
0.3834

 28.4845, 0.3429,
0.4291


200.7116, 0.3300,
0.3796

 18.6912, 0.3462,
0.4451

244.7387, 0.3290,
0.3762

 11.4474, 0.3499,
0.4668

294.7749, 0.3281,
0.3733

 6.3686, 0.3536,
0.4978

351.2045, 0.3272,

 3.0705, 0.3597,

0.3707

0.5516

414.4118, 0.3265,
0.3684

■ 1.1686, 0.3522,
0.6478

■ 0.0359, 0.0000,
1.0000

■ 77.0051, 0.3357,
0.3996

■ 77.0051, 0.3357,
0.3996

■ 74.8733, 0.3436,
0.4282

■ 79.3796, 0.3272,
0.3718

■ 72.9643, 0.3505,
0.4567

■ 81.9958, 0.3185,
0.3455

■ 71.2712, 0.3558,
0.4838

■ 84.8654, 0.3099,
0.3211

■ 69.7822, 0.3591,
0.5083

■ 87.1690, 0.3090,
0.3104

■ 68.4846, 0.3601,
0.5289

■ 88.4736, 0.3136,
0.3107

■ 67.3633, 0.3585,
0.5446

■ 66.3997, 0.3547,
0.5550

■ 66.1049, 0.3531,
0.5578

Harmonies

Analogous

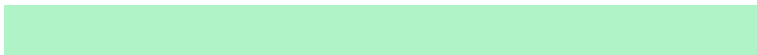
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.0051, 0.3704, 0.3948



77.0051, 0.3357, 0.3996



77.0051, 0.2963, 0.3819

Triad

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



77.0051, 0.3357, 0.3996



77.0051, 0.2406, 0.2797



77.0051, 0.3638, 0.3098

Complementary

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



77.0051, 0.3357, 0.3996



47.8370, 0.2845, 0.2561

Split Complementary

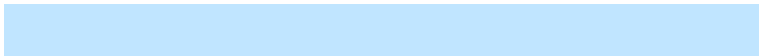
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0051, 0.3258, 0.2834



77.0051, 0.3357, 0.3996



77.0051, 0.2559, 0.2657

Square

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



77.0051, 0.3357, 0.3996



77.0051, 0.2429, 0.3087



77.0051, 0.2863, 0.2675



77.0051, 0.3879, 0.3416

Rectangle

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



77.0051, 0.3357, 0.3996



77.0051, 0.2726, 0.3597



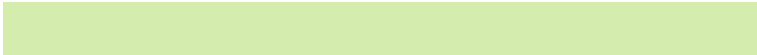
77.0051, 0.2863, 0.2675



77.0051, 0.3521, 0.3001

Sweetspot

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



77.0085, 0.3357, 0.3996



97.3093, 0.3197, 0.3490



60.3901, 0.3636, 0.3547



20.7246, 0.3210, 0.3529



0.0000, 0.0000, 0.0000



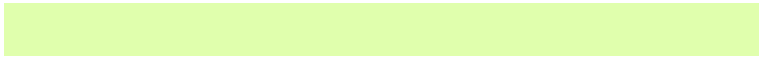
21.4041, 0.3127, 0.3290

Same Dimension

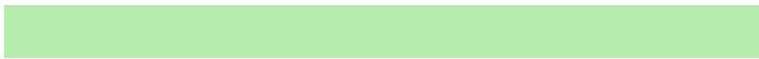
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.0085, 0.3357, 0.3996



90.3810, 0.3401, 0.4151



72.8890, 0.3146, 0.4044



17.3235, 0.3209, 0.3527



36.5132, 0.3542, 0.5570



2.9221, 0.3631, 0.5499

Inverse Universe

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



47.8370, 0.2845, 0.2561



50.1715, 0.2774, 0.2395



52.3898, 0.3090, 0.2612



14.8289, 0.3039, 0.3051



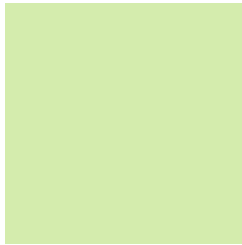
4.6051, 0.1817, 0.0774



0.4153, 0.1971, 0.0859

Previews

White Background



This preview shows how the Yxy color 77.0051, 0.3357, 0.3996 looks on a white background.

Color Contrast Check

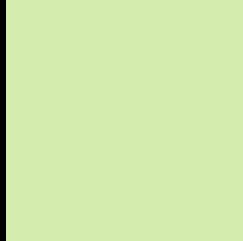
Large Text (above 18pt) WCAG AA × Fail

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 77.0051, 0.3357, 0.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

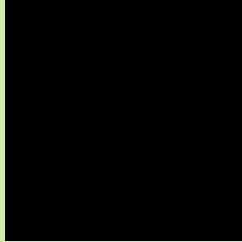
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

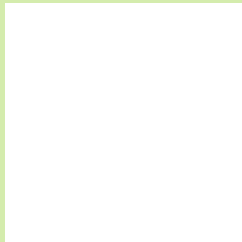
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0051, 0.3357, 0.3996

Background



This preview shows how black text looks on a background with the Yxy color 77.0051, 0.3357, 0.3996.

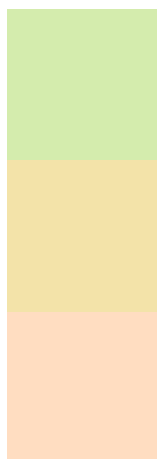


This preview shows how white text looks on a background with the Yxy color 77.0051, 0.3357, 0.3996.

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

77.0051, 0.3357, 0.3996

Protanopia

76.8574, 0.3633, 0.3900

Deuteranopia

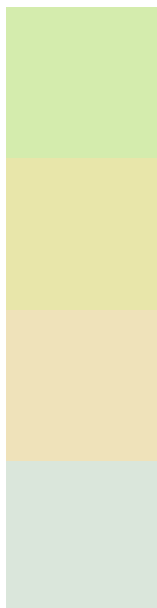
76.8232, 0.3572, 0.3577



Tritanopia

77.0603, 0.2981, 0.3101

Trichromacy



Original Color

77.0051, 0.3357, 0.3996

Protanomaly

76.6517, 0.3536, 0.3937

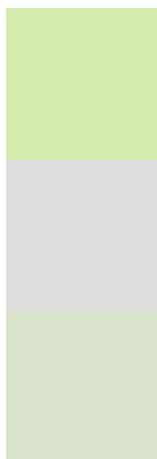
Deuteranomaly

76.2886, 0.3489, 0.3715

Tritanomaly

76.6135, 0.3115, 0.3409

Monochromacy



Original Color

77.0051, 0.3357, 0.3996

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.2032, 0.3213, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0051, 0.3357, 0.3996 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, 236, 173)` looks like.

```
.text, #text, p{  
    color:rgb(212, 236, 173)  
}
```

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, 236, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 236, 173) }
```

Border

The CSS property to change the border of an element to Yxy 77.0051, 0.3357, 0.3996 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, 236, 173) }
```

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

```
.border{ border-color:rgb(212, 236, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 236, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 236, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 236, 173);  
box-shadow:4px 4px 4px 4px rgb(212, 236,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0051, 0.3357, 0.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 236, 173) }
```

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

```
.background{ background-color: rgb(212,  
236, 173) }
```

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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