

Converting Colors

$Yxy(77.4605, 0.3362, 0.4036)$

Have a look what the booklet for
Yxy(77.4605, 0.3362, 0.4036)
contains.

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Color

Yxy(77.3575, 0.3361, 0.4031)

Conversions

Conversions Part 1

Format	Color
Hex	D3EDAB
RGB	211, 237, 171
RGB Percent	83%, 93%, 67%
CMY	0.1725, 0.0706, 0.3295
CMYK	0.11, 0.00, 0.28, 0.07
HSL	84°, 65%, 80%
HSV	84°, 28%, 93%
XYZ	64.4998, 77.3575, 50.0492
YIQ	221.7020, 5.6900, -26.0380

Conversions

Conversions Part 2

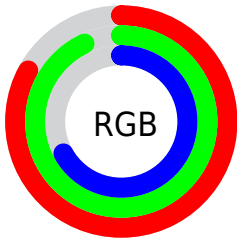
Format	Color
RYB	171, 237, 197
Decimal	13888939
CIELab	90.49, -19.61, 29.25
CIELCh	90, 35.210, 123.840
Yxy	77.3575, 0.3361, 0.4031
Android (android.graphics.Color)	4292079019 (0xFFD3EDAB)
YUV	221.7020, -24.9961, -9.3857
Hunter-Lab	87.9531, -23.0163, 27.8285

Details

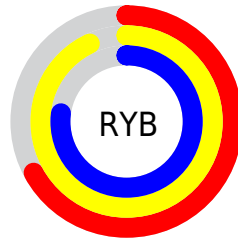
The Yxy color **77.3575, 0.3361, 0.4031** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **47.0996, 0.2836, 0.2527**, and the grayscale version is **73.0044, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **41.4237, 0.3408, 0.4214** is the 20% darker color. If you saturate the color by 10%, you get **75.1983, 0.3437, 0.4319**, and if you desaturate by 10%, it is **79.7655, 0.3279, 0.3751**.

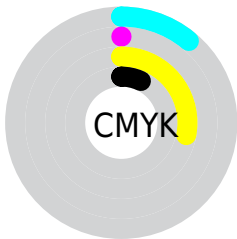
Distribution



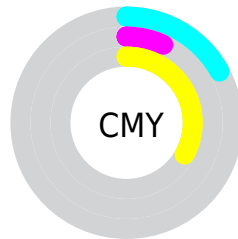
- Red (83%)
- Green (93%)
- Blue (67%)



- Red (67%)
- Yellow (93%)
- Blue (77%)



- Cyan (11%)
- Magenta (0%)
- Yellow (28%)
- Black (7%)




- Cyan (17%)
- Magenta (7%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3575, 0.3361, 0.4031 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 77.3575, 0.3361, 0.4031 by changing the saturation by 10% instead.

 77.3575, 0.3361,
0.4031

 77.3575, 0.3361,
0.4031

485.9821, 0.3261,
0.3681

 57.5463, 0.3381,
0.4112

 129.6440, 0.3328,
0.3909

 41.4440, 0.3405,
0.4213


162.8881, 0.3315,
0.3861

 28.6662, 0.3432,
0.4340


201.3787, 0.3304,
0.3821

 18.8285, 0.3464,
0.4508

245.5001, 0.3293,
0.3785

 11.5464, 0.3499,
0.4735

295.6368, 0.3284,
0.3755

 6.4356, 0.3530,
0.5059


352.1731, 0.3276,


 3.1117, 0.3593,


0.3727


0.5637


415.4934, 0.3268,
0.3703


 1.1903, 0.3442,
0.6558


 0.0538, 0.0000,
1.0000


 77.3575, 0.3361,
0.4031

 77.3575, 0.3361,
0.4031


 75.1983, 0.3437,
0.4319


 79.7655, 0.3279,
0.3751

 73.2678, 0.3502,
0.4604

 82.4214, 0.3194,
0.3486

 71.5584, 0.3551,
0.4876

 85.3375, 0.3109,
0.3239

 70.0583, 0.3579,
0.5119

 87.8079, 0.3092,
0.3114

■ 68.7540, 0.3584,
0.5322

■ 89.0506, 0.3135,
0.3117

■ 67.6300, 0.3564,
0.5474

■ 66.6655, 0.3522,
0.5575

■ 66.4732, 0.3512,
0.5594

Harmonies

Analogous

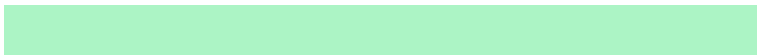
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3575, 0.3726, 0.3981



77.3575, 0.3361, 0.4031



77.3575, 0.2948, 0.3842

Triad

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



77.3575, 0.3361, 0.4031



77.3575, 0.2374, 0.2770



77.3575, 0.3668, 0.3093

Complementary

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



77.3575, 0.3361, 0.4031



47.0996, 0.2836, 0.2527

Split Complementary

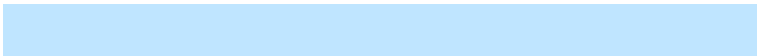
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3575, 0.3270, 0.2817



77.3575, 0.3361, 0.4031



77.3575, 0.2536, 0.2627

Square

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



77.3575, 0.3361, 0.4031



77.3575, 0.2396, 0.3071



77.3575, 0.2855, 0.2650



77.3575, 0.3918, 0.3425

Rectangle

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



77.3575, 0.3361, 0.4031



77.3575, 0.2702, 0.3607



77.3575, 0.2855, 0.2650



77.3575, 0.3545, 0.2992

Sweetspot

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



77.3609, 0.3361, 0.4031



97.2636, 0.3195, 0.3490



60.5553, 0.3661, 0.3571



20.7130, 0.3208, 0.3529



0.0000, 0.0000, 0.0000



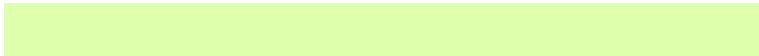
21.4041, 0.3127, 0.3290

Same Dimension

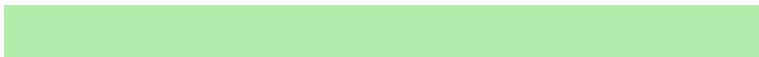
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3609, 0.3361, 0.4031



89.9641, 0.3402, 0.4182



73.0561, 0.3139, 0.4084



17.3140, 0.3207, 0.3527



36.3688, 0.3522, 0.5585



2.9113, 0.3614, 0.5512

Inverse Universe

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



47.0996, 0.2836, 0.2527



49.1233, 0.2768, 0.2366



51.9407, 0.3096, 0.2583



14.8381, 0.3041, 0.3051



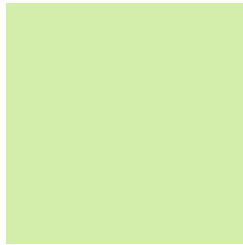
4.6882, 0.1836, 0.0785



0.4224, 0.1991, 0.0870

Previews

White Background



This preview shows how the Yxy color 77.3575, 0.3361, 0.4031 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 77.3575, 0.3361, 0.4031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

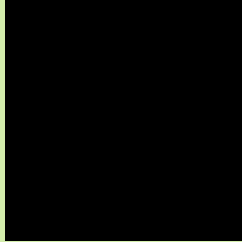
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

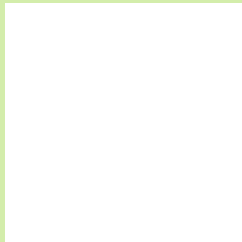
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3575, 0.3361, 0.4031

Background



This preview shows how black text looks on a background with the Yxy color 77.3575, 0.3361, 0.4031.

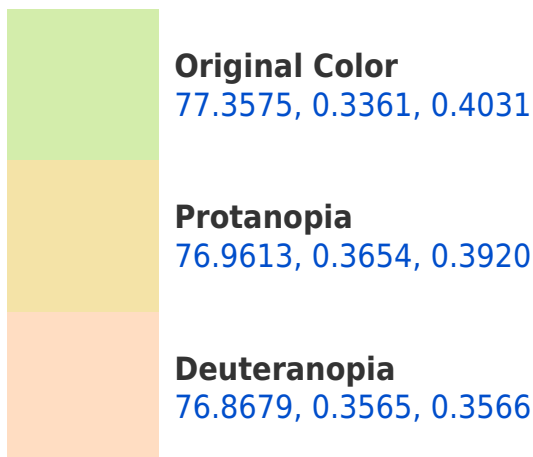


This preview shows how white text looks on a background with the Yxy color 77.3575, 0.3361, 0.4031.

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

77.0603, 0.2981, 0.3101

Trichromacy



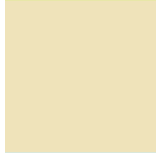
Original Color

77.3575, 0.3361, 0.4031



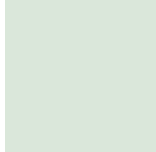
Protanomaly

77.1348, 0.3546, 0.3969



Deuteranomaly

76.8341, 0.3487, 0.3725



Tritanomaly

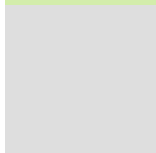
77.1192, 0.3121, 0.3431

Monochromacy



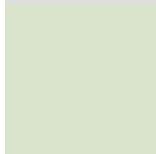
Original Color

77.3575, 0.3361, 0.4031



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.1554, 0.3220, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3575, 0.3361, 0.4031 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, 237, 171)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 171)  
}
```

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, 237, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 171) }
```

Border

The CSS property to change the border of an element to Yxy 77.3575, 0.3361, 0.4031 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, 237, 171) }
```

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

```
.border{ border-color:rgb(211, 237, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 171);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3575, 0.3361, 0.4031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 171) }
```

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

```
.background{ background-color: rgb(211,  
237, 171) }
```

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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