

Converting Colors

$Yxy(76.1127, 0.3250, 0.3976)$

Have a look what the booklet for
Yxy(76.1127, 0.3250, 0.3976)
contains.

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Color

Yxy(76.1602, 0.3254, 0.3977)

Conversions

Conversions Part 1

Format	Color
Hex	C9EDB1
RGB	201, 237, 177
RGB Percent	79%, 93%, 69%
CMY	0.2117, 0.0706, 0.3058
CMYK	0.15, 0.00, 0.25, 0.07
HSL	96°, 62%, 81%
HSV	96°, 25%, 93%
XYZ	62.3146, 76.1602, 53.0268
YIQ	219.3960, -2.1960, -26.2920

Conversions

Conversions Part 2

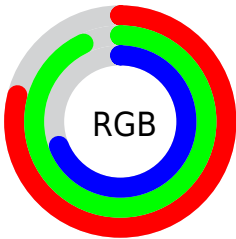
Format	Color
RYB	177, 237, 213
Decimal	13233585
CIELab	89.93, -22.25, 25.29
CIELCh	90, 33.683, 131.335
Yxy	76.1602, 0.3254, 0.3977
Android (android.graphics.Color)	4291423665 (0xFFC9EDB1)
YUV	219.3960, -20.9012, -16.1333
Hunter-Lab	87.2698, -25.2650, 25.0631

Details

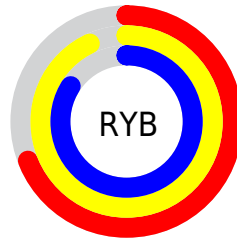
The Yxy color **76.1602, 0.3254, 0.3977** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **51.7182, 0.2964, 0.2623**, and the grayscale version is **71.2831, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6632, 0.3256, 0.3503**, and **40.6140, 0.3272, 0.4151** is the 20% darker color. If you saturate the color by 10%, you get **73.4184, 0.3297, 0.4283**, and if you desaturate by 10%, it is **79.2551, 0.3206, 0.3688**.

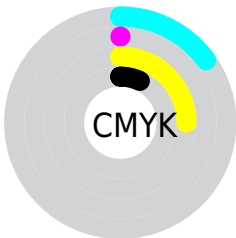
Distribution



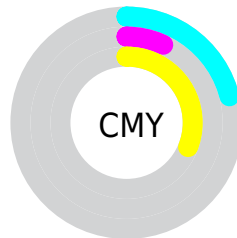
- Red (79%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (84%)



- Cyan (15%)
- Magenta (0%)
- Yellow (25%)
- Black (7%)





- Cyan (21%)
- Magenta (7%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1602, 0.3254, 0.3977 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 76.1602, 0.3254, 0.3977 by changing the saturation by 10% instead.


 76.1602, 0.3254,
0.3977

 76.1602, 0.3254,
0.3977


481.8959, 0.3203,
0.3650

 56.5639, 0.3264,
0.4053


 127.9533, 0.3238,
0.3862

 40.6552, 0.3275,
0.4149


160.9189, 0.3231,
0.3818

 28.0498, 0.3287,
0.4271


199.1098, 0.3225,
0.3780

 18.3632, 0.3299,
0.4432

242.9102, 0.3219,
0.3747

 11.2110, 0.3309,
0.4655

292.7046, 0.3215,
0.3718

 6.2090, 0.3310,
0.4980

348.8775, 0.3210,

 2.9726, 0.3297,

0.3693

0.5524

411.8131, 0.3206,
0.3671

1.1174, 0.3101,
0.6899

0.0000, 0.0000,
0.0000

76.1602, 0.3254,
0.3977

76.1602, 0.3254,
0.3977

73.4184, 0.3297,
0.4283

79.2551, 0.3206,
0.3688

71.0064, 0.3331,
0.4598

82.7059, 0.3155,
0.3421

68.9131, 0.3351,
0.4908

86.5277, 0.3103,
0.3180

67.1230, 0.3356,
0.5197

89.0469, 0.3135,
0.3117

■ 65.6189, 0.3341,
0.5446

■ 64.3812, 0.3307,
0.5640

■ 63.3873, 0.3257,
0.5772

■ 62.9905, 0.3231,
0.5817

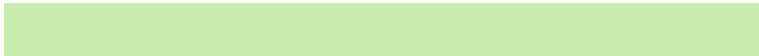
Harmonies

Analogous

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



76.1602, 0.3627, 0.3987



76.1602, 0.3254, 0.3977



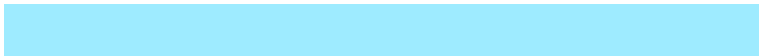
76.1602, 0.2862, 0.3743

Triad

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



76.1602, 0.3254, 0.3977



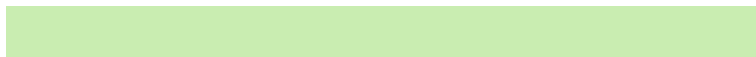
76.1602, 0.2424, 0.2740



76.1602, 0.3725, 0.3178

Complementary

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



76.1602, 0.3254, 0.3977



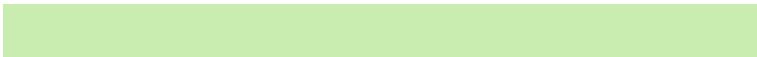
51.7182, 0.2964, 0.2623

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.



76.1602, 0.3367, 0.2892



76.1602, 0.3254, 0.3977



76.1602, 0.2622, 0.2642

Square

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



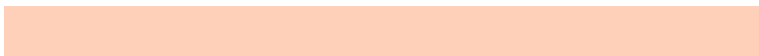
76.1602, 0.3254, 0.3977



76.1602, 0.2400, 0.2996



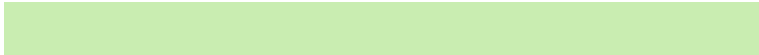
76.1602, 0.2961, 0.2701



76.1602, 0.3914, 0.3503

Rectangle

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



76.1602, 0.3254, 0.3977



76.1602, 0.2643, 0.3499



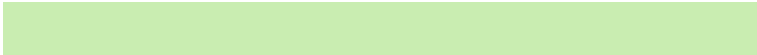
76.1602, 0.2961, 0.2701



76.1602, 0.3619, 0.3076

Sweetspot

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



76.1635, 0.3254, 0.3977



96.5075, 0.3169, 0.3492



68.2727, 0.3571, 0.3671



20.5227, 0.3176, 0.3531



0.0000, 0.0000, 0.0000



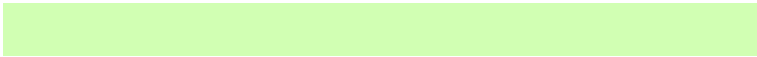
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1635, 0.3254, 0.3977



88.3256, 0.3276, 0.4123



73.2964, 0.3064, 0.3949



17.1562, 0.3176, 0.3529



34.4628, 0.3242, 0.5808



2.7608, 0.3351, 0.5722

Inverse Universe

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



51.7182, 0.2964, 0.2623



55.1701, 0.2926, 0.2486



55.2874, 0.3196, 0.2709



14.9958, 0.3074, 0.3053



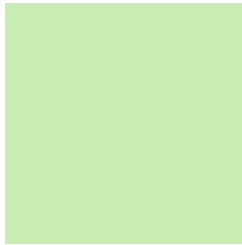
6.5648, 0.2233, 0.1004



0.5712, 0.2365, 0.1077

Previews

White Background



This preview shows how the Yxy color 76.1602, 0.3254, 0.3977 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 76.1602, 0.3254, 0.3977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

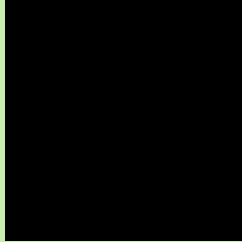
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

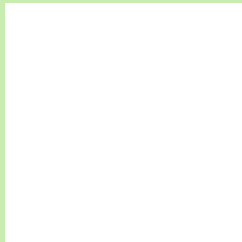
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1602, 0.3254, 0.3977

Background



This preview shows how black text looks on a background with the Yxy color 76.1602, 0.3254, 0.3977.

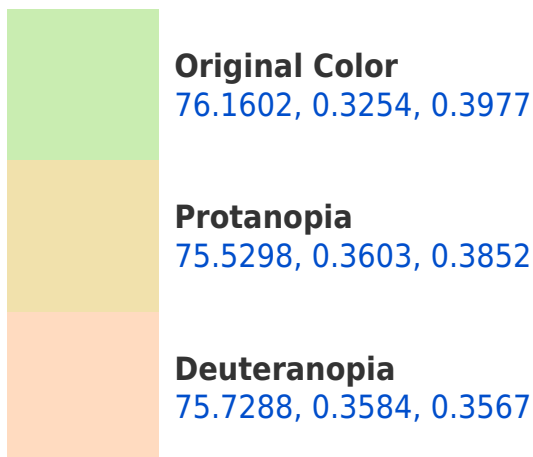


This preview shows how white text looks on a background with the Yxy color 76.1602, 0.3254, 0.3977.

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

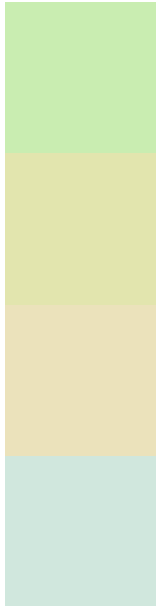




Tritanopia

76.1377, 0.2910, 0.3098

Trichromacy



Original Color

76.1602, 0.3254, 0.3977

Protanomaly

75.2634, 0.3467, 0.3893

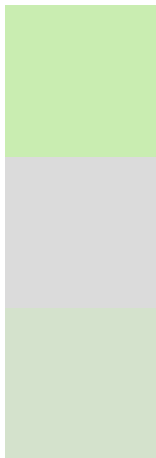
Deuteranomaly

75.6427, 0.3453, 0.3708

Tritanomaly

75.7822, 0.3035, 0.3400

Monochromacy



Original Color

76.1602, 0.3254, 0.3977

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

72.7494, 0.3172, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1602, 0.3254, 0.3977 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(201, 237, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 237, 177)  
}
```

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(201, 237, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 237, 177) }
```

Border

The CSS property to change the border of an element to Yxy 76.1602, 0.3254, 0.3977 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(201, 237, 177) }
```

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

```
.border{ border-color:rgb(201, 237, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 237, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 237, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 237, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 237,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1602, 0.3254, 0.3977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 237, 177) }
```

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

```
.background{ background-color: rgb(201,  
237, 177) }
```

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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