

Converting Colors

$Yxy(76.1112, 0.3473, 0.4013)$

Have a look what the booklet for
Yxy(76.1112, 0.3473, 0.4013)
contains.

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Color

Yxy(76.0328, 0.3476, 0.4007)

Conversions

Conversions Part 1

Format	Color
Hex	DEE8A7
RGB	222, 232, 167
RGB Percent	87%, 91%, 65%
CMY	0.1294, 0.0902, 0.3451
CMYK	0.04, 0.00, 0.28, 0.09
HSL	69°, 59%, 78%
HSV	69°, 28%, 91%
XYZ	65.9571, 76.0328, 47.7601
YIQ	221.6000, 14.9050, -22.3350

Conversions

Conversions Part 2

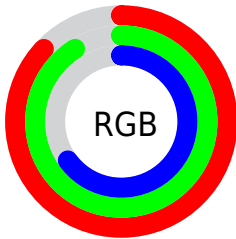
Format	Color
RYB	167, 232, 177
Decimal	14608551
CIELab	89.87, -13.69, 30.58
CIELCh	90, 33.505, 114.113
Yxy	76.0328, 0.3476, 0.4007
Android (android.graphics.Color)	4292798631 (0xFFDEE8A7)
YUV	221.6000, -26.9178, 0.3508
Hunter-Lab	87.1968, -17.5741, 28.5630

Details

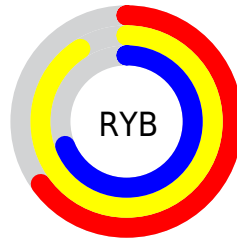
The Yxy color **76.0328, 0.3476, 0.4007** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.8133, 0.2713, 0.2497**, and the grayscale version is **72.9381, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1077, 0.3315, 0.3601**, and **40.3726, 0.3551, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **74.6960, 0.3595, 0.4268**, and if you desaturate by 10%, it is **77.5423, 0.3351, 0.3744**.

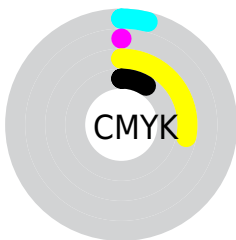
Distribution



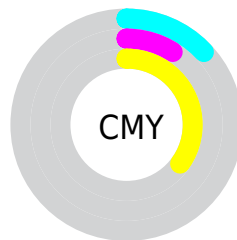
- Red (87%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (69%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)





- Cyan (13%)
- Magenta (9%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0328, 0.3476, 0.4007 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 76.0328, 0.3476, 0.4007 by changing the saturation by 10% instead.


 76.0328, 0.3476,
0.4007


 76.0328, 0.3476,
0.4007

481.4600, 0.3322,
0.3671

 56.4594, 0.3509,
0.4084


 127.7733, 0.3424,
0.3890

 40.5714, 0.3548,
0.4179


 160.7091, 0.3404,
0.3845

 27.9843, 0.3595,
0.4299


198.8679, 0.3386,
0.3806

 18.3138, 0.3651,
0.4456

242.6341, 0.3370,
0.3772

 11.1755, 0.3720,
0.4665

292.3920, 0.3356,
0.3742

 6.1850, 0.3799,
0.4956

348.5260, 0.3344,

 2.9579, 0.3983,


0.3716


0.5535


411.4205, 0.3332,
0.3692


 1.1098, 0.3884,
0.6116


 0.0000, 0.0000,
0.0000


 76.0328, 0.3476,
0.4007

 76.0328, 0.3476,
0.4007

 74.6960, 0.3595,
0.4268


 77.5423, 0.3351,
0.3744


 73.5133, 0.3703,
0.4517


 79.2219, 0.3226,
0.3488

 72.4791, 0.3795,
0.4743


 81.0823, 0.3103,
0.3243

 71.5833, 0.3865,
0.4937


 82.8167, 0.3014,
0.3059

 70.8146, 0.3910,
0.5089

 83.4347, 0.3037,
0.3061


 70.1593, 0.3928,
0.5196

 84.0650, 0.3061,
0.3063

 69.5989, 0.3923,
0.5259

 84.7077, 0.3084,
0.3064

 69.4934, 0.3920,
0.5269

 85.3628, 0.3108,
0.3066

 86.0304, 0.3132,
0.3068

Harmonies

Analogous

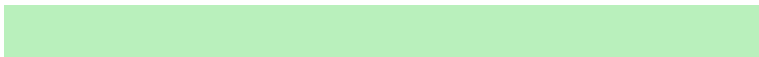
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.0328, 0.3787, 0.3896



76.0328, 0.3476, 0.4007



76.0328, 0.3083, 0.3899

Triad

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



76.0328, 0.3476, 0.4007



76.0328, 0.2391, 0.2871



76.0328, 0.3531, 0.3007

Complementary

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



76.0328, 0.3476, 0.4007



42.8133, 0.2713, 0.2497

Split Complementary

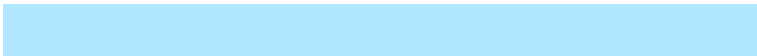
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0328, 0.3131, 0.2770



76.0328, 0.3476, 0.4007



76.0328, 0.2491, 0.2681

Square

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



76.0328, 0.3476, 0.4007



76.0328, 0.2470, 0.3201



76.0328, 0.2754, 0.2651



76.0328, 0.3828, 0.3315

Rectangle

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



76.0328, 0.3476, 0.4007



76.0328, 0.2830, 0.3709



76.0328, 0.2754, 0.2651



76.0328, 0.3403, 0.2917

Sweetspot

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



76.0362, 0.3476, 0.4007



98.1647, 0.3226, 0.3488



51.2942, 0.3710, 0.3403



20.9409, 0.3245, 0.3526



0.0000, 0.0000, 0.0000



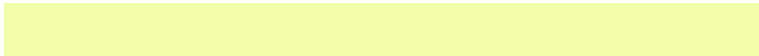
21.4041, 0.3127, 0.3290

Same Dimension

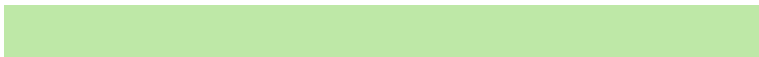
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0362, 0.3476, 0.4007



93.1759, 0.3550, 0.4168



71.4214, 0.3243, 0.4063



16.6990, 0.3244, 0.3524



38.6233, 0.3925, 0.5266



2.8846, 0.3966, 0.5233

Inverse Universe

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



42.8133, 0.2713, 0.2497



45.2372, 0.2602, 0.2294



47.0582, 0.2970, 0.2553



13.9930, 0.3004, 0.3049



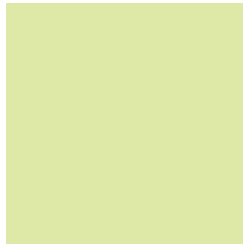
3.4738, 0.1565, 0.0636



0.2896, 0.1682, 0.0700

Previews

White Background



This preview shows how the Yxy color 76.0328, 0.3476, 0.4007 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 76.0328, 0.3476, 0.4007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

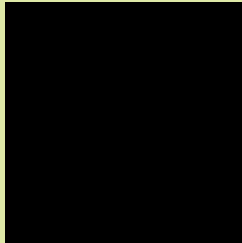
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.0328, 0.3476, 0.4007

Background



This preview shows how black text looks on a background with the Yxy color 76.0328, 0.3476, 0.4007.

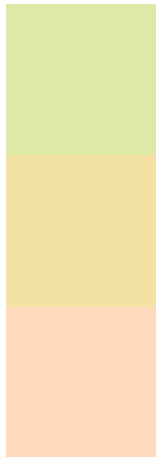


This preview shows how white text looks on a background with the Yxy color 76.0328, 0.3476, 0.4007.

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

76.0328, 0.3476, 0.4007

Protanopia

76.1277, 0.3670, 0.3943

Deuteranopia

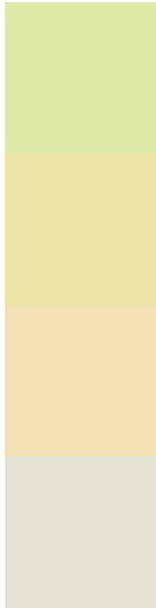
75.5972, 0.3606, 0.3598



Tritanopia

76.2224, 0.3080, 0.3114

Trichromacy



Original Color

76.0328, 0.3476, 0.4007

Protanomaly

75.8656, 0.3597, 0.3966

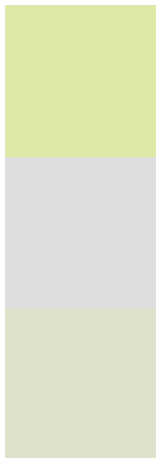
Deuteranomaly

75.7022, 0.3559, 0.3744

Tritanomaly

75.6908, 0.3226, 0.3430

Monochromacy



Original Color

76.0328, 0.3476, 0.4007

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.1866, 0.3256, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0328, 0.3476, 0.4007 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(222, 232, 167)` looks like.

```
.text, #text, p{  
    color:rgb(222, 232, 167)  
}
```

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(222, 232, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 232, 167) }
```

Border

The CSS property to change the border of an element to Yxy 76.0328, 0.3476, 0.4007 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(222, 232, 167) }
```

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

```
.border{ border-color:rgb(222, 232, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 232, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 232, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 232, 167); box-shadow:4px 4px 4px 4px rgb(222, 232, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0328, 0.3476, 0.4007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 232, 167) }
```

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

```
.background{ background-color: rgb(222,  
232, 167) }
```

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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