

Converting Colors

$Yxy(77.3616, 0.3472, 0.4014)$

Have a look what the booklet for
Yxy(77.3616, 0.3472, 0.4014)
contains.

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Color

Yxy(77.3608, 0.3472, 0.4014)

Conversions

Conversions Part 1

Format	Color
Hex	DFEAA8
RGB	223, 234, 168
RGB Percent	87%, 92%, 66%
CMY	0.1256, 0.0823, 0.3412
CMYK	0.05, 0.00, 0.28, 0.08
HSL	70°, 61%, 79%
HSV	70°, 28%, 92%
XYZ	66.9150, 77.3608, 48.4517
YIQ	223.1870, 14.6300, -22.8580

Conversions

Conversions Part 2

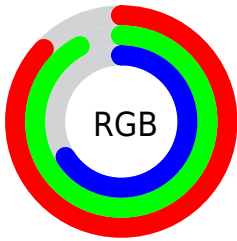
Format	Color
RYB	168, 234, 179
Decimal	14674600
CIELab	90.49, -14.20, 30.91
CIELCh	90, 34.013, 114.671
Yxy	77.3608, 0.3472, 0.4014
Android (android.graphics.Color)	4292864680 (0xFFDFEAA8)
YUV	223.1870, -27.2072, -0.1640
Hunter-Lab	87.9550, -18.1208, 28.9075

Details

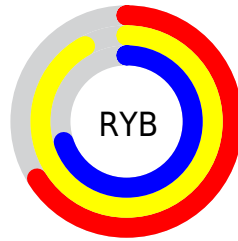
The Yxy color **77.3608, 0.3472, 0.4014** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **43.5374, 0.2716, 0.2491**, and the grayscale version is **74.1199, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **41.2941, 0.3545, 0.4188** is the 20% darker color. If you saturate the color by 10%, you get **75.9543, 0.3588, 0.4276**, and if you desaturate by 10%, it is **78.9455, 0.3350, 0.3750**.

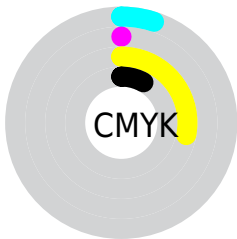
Distribution



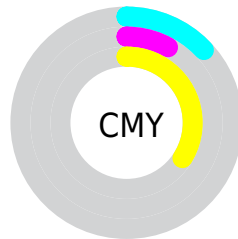
- Red (87%)
- Green (92%)
- Blue (66%)



- Red (66%)
- Yellow (92%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (28%)
- Black (8%)




- Cyan (13%)
- Magenta (8%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3608, 0.3472, 0.4014 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 77.3608, 0.3472, 0.4014 by changing the saturation by 10% instead.


 77.3608, 0.3472,
0.4014


 77.3608, 0.3472,
0.4014

485.9933, 0.3321,
0.3676

 57.5490, 0.3504,
0.4091

 129.6487, 0.3421,
0.3896

 41.4462, 0.3542,
0.4187


 162.8936, 0.3401,
0.3851

 28.6679, 0.3588,
0.4307


201.3850, 0.3384,
0.3811

 18.8297, 0.3643,
0.4464

245.5073, 0.3368,
0.3777

 11.5473, 0.3709,
0.4673

295.6448, 0.3354,
0.3747

 6.4362, 0.3784,
0.4963


352.1821, 0.3342,


 3.1121, 0.3943,


0.3720

0.5510


415.5035, 0.3331,
0.3697


 1.1905, 0.3887,
0.6113

 0.0540, 0.0000,
1.0000


 77.3608, 0.3472,
0.4014


 77.3608, 0.3472,
0.4014


 75.9543, 0.3588,
0.4276


 78.9455, 0.3350,
0.3750

 74.7072, 0.3694,
0.4527


 80.7060, 0.3227,
0.3493

 73.6136, 0.3782,
0.4756

 82.6531, 0.3106,
0.3247

 72.6631, 0.3850,
0.4951


 84.3607, 0.3029,
0.3081


 71.8442, 0.3891,
0.5106


 85.0483, 0.3055,
0.3082


 71.1429, 0.3907,
0.5214


 85.7508, 0.3080,
0.3084

 70.5397, 0.3899,
0.5279

 86.4682, 0.3106,
0.3086

 70.4369, 0.3896,
0.5288

 87.2006, 0.3132,
0.3087

 87.3340, 0.3137,
0.3088

Harmonies

Analogous

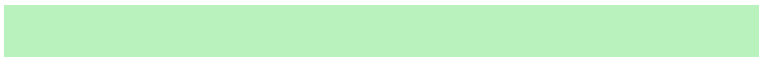
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3608, 0.3789, 0.3905



77.3608, 0.3472, 0.4014



77.3608, 0.3075, 0.3901

Triad

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



77.3608, 0.3472, 0.4014



77.3608, 0.2385, 0.2862



77.3608, 0.3542, 0.3010

Complementary

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



77.3608, 0.3472, 0.4014



43.5374, 0.2716, 0.2491

Split Complementary

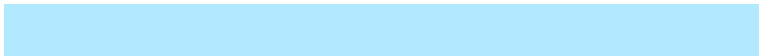
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3608, 0.3139, 0.2769



77.3608, 0.3472, 0.4014



77.3608, 0.2489, 0.2674

Square

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



77.3608, 0.3472, 0.4014



77.3608, 0.2462, 0.3192



77.3608, 0.2757, 0.2647



77.3608, 0.3838, 0.3321

Rectangle

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



77.3608, 0.3472, 0.4014



77.3608, 0.2821, 0.3707



77.3608, 0.2757, 0.2647



77.3608, 0.3413, 0.2919

Sweetspot

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



77.3642, 0.3472, 0.4014



98.1134, 0.3225, 0.3488



52.5645, 0.3713, 0.3416



20.9279, 0.3243, 0.3527



0.0000, 0.0000, 0.0000



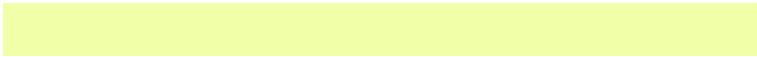
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3642, 0.3472, 0.4014



92.9699, 0.3542, 0.4171



72.6293, 0.3236, 0.4071



17.4920, 0.3242, 0.3525



39.6239, 0.3901, 0.5285



3.1453, 0.3944, 0.5251

Inverse Universe

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



43.5374, 0.2716, 0.2491



45.3799, 0.2611, 0.2296



47.9465, 0.2978, 0.2549



14.6700, 0.3006, 0.3048



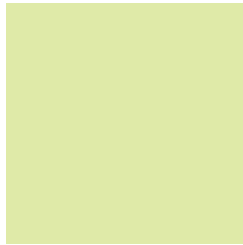
3.6187, 0.1574, 0.0641



0.3200, 0.1689, 0.0704

Previews

White Background



This preview shows how the Yxy color 77.3608, 0.3472, 0.4014 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 77.3608, 0.3472, 0.4014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

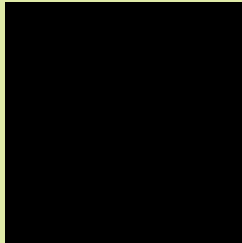
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3608, 0.3472, 0.4014

Background



This preview shows how black text looks on a background with the Yxy color 77.3608, 0.3472, 0.4014.

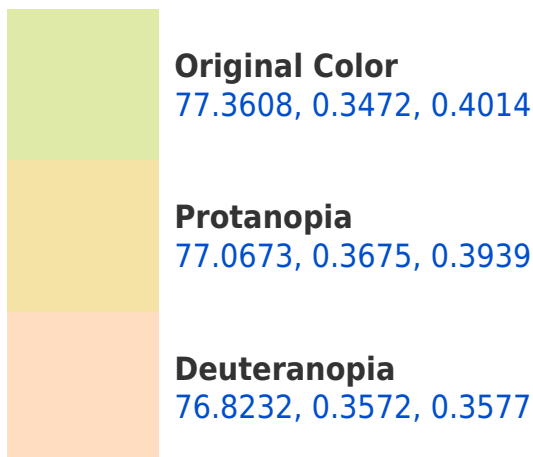


This preview shows how white text looks on a background with the Yxy color 77.3608, 0.3472, 0.4014.

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

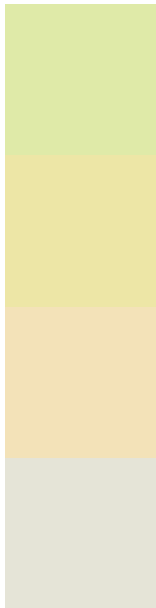




Tritanopia

77.0458, 0.3074, 0.3104

Trichromacy



Original Color

77.3608, 0.3472, 0.4014

Protanomaly

77.3513, 0.3599, 0.3971

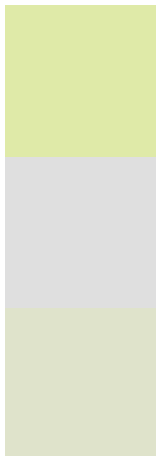
Deuteranomaly

76.9081, 0.3533, 0.3732

Tritanomaly

77.0511, 0.3218, 0.3429

Monochromacy



Original Color

77.3608, 0.3472, 0.4014

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.9379, 0.3256, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3608, 0.3472, 0.4014 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(223, 234, 168)` looks like.

```
.text, #text, p{  
    color:rgb(223, 234, 168)  
}
```

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(223, 234, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 234, 168) }
```

Border

The CSS property to change the border of an element to Yxy 77.3608, 0.3472, 0.4014 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(223, 234, 168) }
```

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

```
.border{ border-color:rgb(223, 234, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 234, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 234, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 234, 168);  
box-shadow:4px 4px 4px 4px rgb(223, 234,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3608, 0.3472, 0.4014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 234, 168) }
```

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

```
.background{ background-color: rgb(223,  
234, 168) }
```

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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