

Converting Colors

$Y_{xy}(76.6005, 0.3629, 0.3867)$

Have a look what the booklet for
Yxy(76.6005, 0.3629, 0.3867)
contains.

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Color

Yxy(76.5661, 0.3630, 0.3868)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2AB
RGB	244, 226, 171
RGB Percent	96%, 89%, 67%
CMY	0.0432, 0.1137, 0.3294
CMYK	0.00, 0.07, 0.30, 0.04
HSL	45°, 77%, 81%
HSV	45°, 30%, 96%
XYZ	71.8549, 76.5661, 49.5265
YIQ	225.1120, 28.3830, -13.2890

Conversions

Conversions Part 2

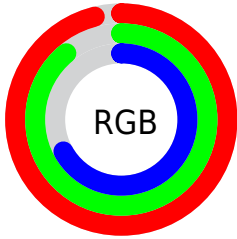
Format	Color
RYB	195, 244, 171
Decimal	16048811
CIELab	90.12, -1.93, 29.16
CIElCh	90, 29.221, 93.794
Yxy	76.5661, 0.3630, 0.3868
Android (android.graphics.Color)	4294238891 (0xFFFF4E2AB)
YUV	225.1120, -26.6772, 16.5648
Hunter-Lab	87.5021, -6.5479, 27.6931

Details

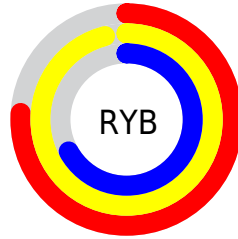
The Yxy color **76.5661, 0.3630, 0.3868** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5878, 0.2622, 0.2635**, and the grayscale version is **75.5624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3261, 0.3292, 0.3562**, and **40.9986, 0.3744, 0.4005** is the 20% darker color. If you saturate the color by 10%, you get **72.5095, 0.3817, 0.4062**, and if you desaturate by 10%, it is **80.9162, 0.3450, 0.3670**.

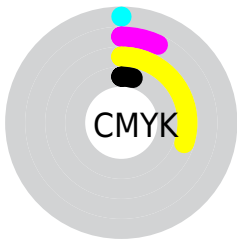
Distribution



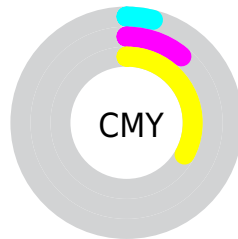
- Red (96%)
- Green (89%)
- Blue (67%)



- Red (76%)
- Yellow (96%)
- Blue (67%)



- Cyan (0%)
- Magenta (7%)
- Yellow (30%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5661, 0.3630, 0.3868 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 76.5661, 0.3630, 0.3868 by changing the saturation by 10% instead.


 76.5661, 0.3630,
0.3868

 76.5661, 0.3630,
0.3868


483.2834, 0.3402,
0.3604

 56.8968, 0.3680,
0.3927


 128.5268, 0.3552,
0.3777

 40.9224, 0.3742,
0.3999

161.5870, 0.3522,
0.3742

 28.2585, 0.3817,
0.4088

199.8797, 0.3495,
0.3711

 18.5206, 0.3913,
0.4201

243.7892, 0.3472,
0.3684

 11.3244, 0.4036,
0.4349

293.6999, 0.3451,
0.3661

 6.2855, 0.4196,
0.4546

349.9962, 0.3433,

 3.0194, 0.4480,

0.3640

0.4893

413.0626, 0.3417,
0.3621

1.1419, 0.4743,
0.5257

0.0135, 0.0000,
1.0000

76.5661, 0.3630,
0.3868

76.5661, 0.3630,
0.3868

72.5095, 0.3817,
0.4062

80.9162, 0.3450,
0.3670

68.7252, 0.4006,
0.4244

85.5591, 0.3282,
0.3475

65.2053, 0.4190,
0.4403

90.5077, 0.3126,
0.3288

61.9369, 0.4360,
0.4529

94.8625, 0.3061,
0.3242

■ 58.9056, 0.4508,
0.4612

■ 97.9722, 0.3060,
0.3290

■ 56.0943, 0.4627,
0.4646

■ 53.4759, 0.4718,
0.4635

■ 53.4530, 0.4719,
0.4635

Harmonies

Analogous

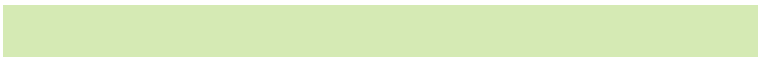
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5661, 0.3802, 0.3679



76.5661, 0.3630, 0.3868



76.5661, 0.3327, 0.3902

Triad

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



76.5661, 0.3630, 0.3868



76.5661, 0.2512, 0.3113



76.5661, 0.3248, 0.2891

Complementary

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



76.5661, 0.3630, 0.3868



51.5878, 0.2622, 0.2635

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.



76.5661, 0.2901, 0.2749



76.5661, 0.3630, 0.3868



76.5661, 0.2493, 0.2858

Square

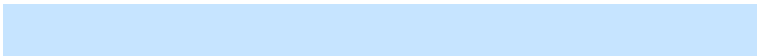
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.5661, 0.3630, 0.3868



76.5661, 0.2686, 0.3444



76.5661, 0.2630, 0.2733



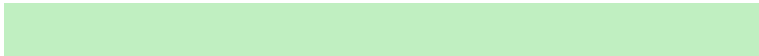
76.5661, 0.3577, 0.3126

Rectangle

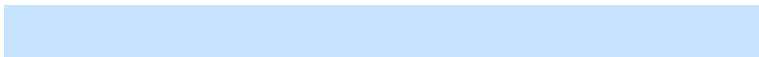
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.5661, 0.3630, 0.3868



76.5661, 0.3095, 0.3817



76.5661, 0.2630, 0.2733



76.5661, 0.3129, 0.2831

Sweetspot

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



76.5696, 0.3630, 0.3868



95.0528, 0.3267, 0.3458



52.0494, 0.3631, 0.3093



20.1796, 0.3291, 0.3486



0.0000, 0.0000, 0.0000



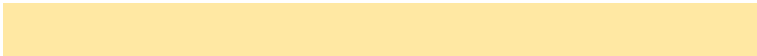
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5696, 0.3630, 0.3868



81.8350, 0.3745, 0.3989



83.7676, 0.3451, 0.4072



18.5811, 0.3275, 0.3467



29.2924, 0.4709, 0.4643



2.7350, 0.4630, 0.4706

Inverse Universe

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



51.5878, 0.2622, 0.2635



50.0726, 0.2506, 0.2474



46.5153, 0.2730, 0.2445



16.5901, 0.2979, 0.3106



5.4964, 0.1578, 0.0880



0.6386, 0.1642, 0.1111

Previews

White Background



This preview shows how the Yxy color 76.5661, 0.3630, 0.3868 looks on a white background.

Color Contrast Check

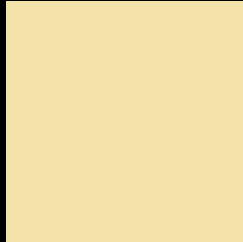
Large Text (above 18pt) WCAG AA × Fail

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 76.5661, 0.3630, 0.3868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

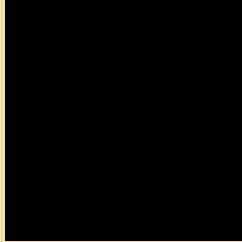
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.5661, 0.3630, 0.3868

Background



This preview shows how black text looks on a background with the Yxy color 76.5661, 0.3630, 0.3868.

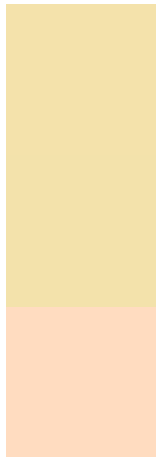


This preview shows how white text looks on a background with the Yxy color 76.5661, 0.3630, 0.3868.

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

76.5661, 0.3630, 0.3868

Protanopia

76.3877, 0.3623, 0.3870

Deuteranopia

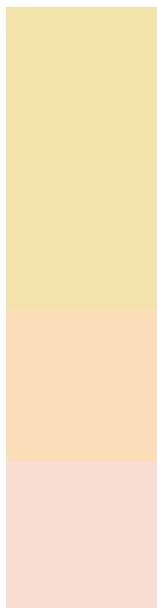
76.2522, 0.3582, 0.3577



Tritanopia

76.8364, 0.3257, 0.3120

Trichromacy



Original Color

76.5661, 0.3630, 0.3868

Protanomaly

76.3877, 0.3623, 0.3870

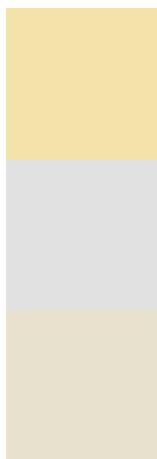
Deuteranomaly

76.2125, 0.3604, 0.3684

Tritanomaly

76.6061, 0.3392, 0.3383

Monochromacy



Original Color

76.5661, 0.3630, 0.3868

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.4140, 0.3310, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5661, 0.3630, 0.3868 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(244, 226, 171)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 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(244, 226, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 171) }
```

Border

The CSS property to change the border of an element to Yxy 76.5661, 0.3630, 0.3868 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(244, 226, 171) }
```

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

```
.border{ border-color:rgb(244, 226, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5661, 0.3630, 0.3868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 171) }
```

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

```
.background{ background-color: rgb(244,  
226, 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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