

Converting Colors

$Yxy(76.7197, 0.3628, 0.3812)$

Have a look what the booklet for
Yxy(76.7197, 0.3628, 0.3812)
contains.

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Color

Yxy(76.7197, 0.3628, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	F7E1AF
RGB	247, 225, 175
RGB Percent	97%, 88%, 69%
CMY	0.0314, 0.1176, 0.3137
CMYK	0.00, 0.09, 0.29, 0.03
HSL	42°, 82%, 83%
HSV	42°, 29%, 97%
XYZ	73.0165, 76.7197, 51.5221
YIQ	225.8780, 29.1620, -10.8860

Conversions

Conversions Part 2

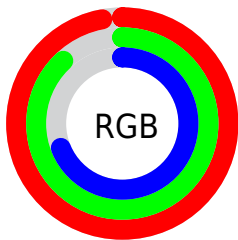
Format	Color
R _Y B	207, 247, 175
Decimal	16245167
CIE Lab	90.19, 0.20, 27.24
CIE LCh	90, 27.241, 89.574
Yxy	76.7197, 0.3628, 0.3812
Android (android.graphics.Color)	4294435247 (0xFFFF7E1AF)
YUV	225.8780, -25.0829, 18.5240
Hunter-Lab	87.5898, -4.4810, 26.4372

Details

The Yxy color **76.7197, 0.3628, 0.3812** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.7531, 0.2641, 0.2706**, and the grayscale version is **76.1305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **41.1017, 0.3744, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **71.8526, 0.3825, 0.3994**, and if you desaturate by 10%, it is **81.9513, 0.3442, 0.3628**.

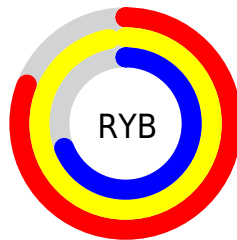
Distribution



Red (97%)

Green (88%)

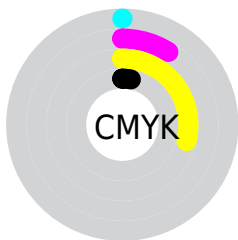
Blue (69%)



Red (81%)

Yellow (97%)

Blue (69%)

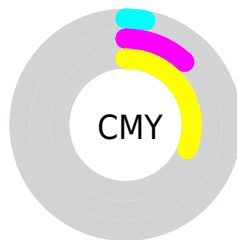


Cyan (0%)

Magenta (9%)

Yellow (29%)

Black (3%)



Cyan (3%)


Magenta (12%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.7197, 0.3628, 0.3812 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 76.7197, 0.3628, 0.3812 by changing the saturation by 10% instead.


 76.7197, 0.3628,
0.3812

 76.7197, 0.3628,
0.3812


483.8078, 0.3400,
0.3575

 57.0229, 0.3679,
0.3865


 128.7437, 0.3550,
0.3731

 41.0236, 0.3741,
0.3929


161.8397, 0.3519,
0.3699

 28.3375, 0.3817,
0.4009


200.1708, 0.3493,
0.3671

 18.5802, 0.3915,
0.4110

244.1215, 0.3469,
0.3647

 11.3674, 0.4042,
0.4242

294.0762, 0.3449,
0.3626

 6.3145, 0.4212,
0.4418

350.4192, 0.3431,

 3.0372, 0.4483,

0.3607

0.4698

413.5349, 0.3415,
0.3590

■ 1.1512, 0.4886,
0.5114

■ 0.0213, 0.5418,
0.4582

■ 76.7197, 0.3628,
0.3812

■ 76.7197, 0.3628,
0.3812

■ 71.8526, 0.3825,
0.3994

■ 81.9513, 0.3442,
0.3628

■ 67.3275, 0.4029,
0.4166

■ 87.5481, 0.3271,
0.3448

■ 63.1350, 0.4233,
0.4317

■ 93.5241, 0.3114,
0.3276

■ 59.2609, 0.4427,
0.4436

■ 98.5107, 0.3078,
0.3290

■ 55.6892, 0.4601,
0.4512

■ 52.4014, 0.4748,
0.4538

■ 49.3709, 0.4863,
0.4516

■ 49.1195, 0.4872,
0.4513

Harmonies

Analogous

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



76.7197, 0.3764, 0.3623



76.7197, 0.3628, 0.3812



76.7197, 0.3359, 0.3865

Triad

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



76.7197, 0.3628, 0.3812



76.7197, 0.2567, 0.3167



76.7197, 0.3193, 0.2892

Complementary

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



76.7197, 0.3628, 0.3812



55.7531, 0.2641, 0.2706

Split Complementary

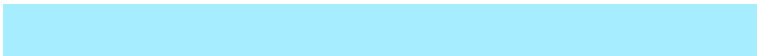
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.7197, 0.2876, 0.2774



76.7197, 0.3628, 0.3812



76.7197, 0.2527, 0.2915

Square

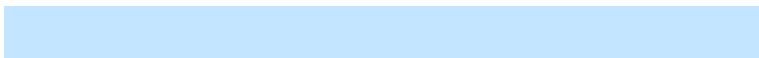
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.7197, 0.3628, 0.3812



76.7197, 0.2749, 0.3477



76.7197, 0.2637, 0.2778



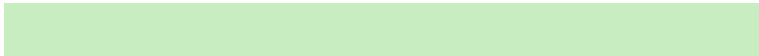
76.7197, 0.3508, 0.3103

Rectangle

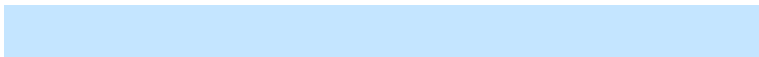
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.7197, 0.3628, 0.3812



76.7197, 0.3144, 0.3802



76.7197, 0.2637, 0.2778



76.7197, 0.3083, 0.2840

Sweetspot

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



76.7232, 0.3628, 0.3812



94.2204, 0.3268, 0.3446



54.5031, 0.3571, 0.3048



19.9738, 0.3293, 0.3471



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.



76.7232, 0.3628, 0.3812



79.3567, 0.3744, 0.3921



87.0619, 0.3476, 0.4043



18.4099, 0.3276, 0.3454



26.2447, 0.4858, 0.4525



2.4876, 0.4754, 0.4607

Inverse Universe

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



55.7531, 0.2641, 0.2706



53.4373, 0.2534, 0.2565



48.0960, 0.2707, 0.2460



16.7516, 0.2980, 0.3121



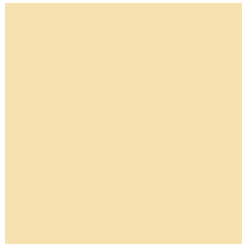
6.4604, 0.1614, 0.1009



0.7416, 0.1682, 0.1253

Previews

White Background



This preview shows how the Yxy color 76.7197, 0.3628, 0.3812 looks on a white background.

Color Contrast Check

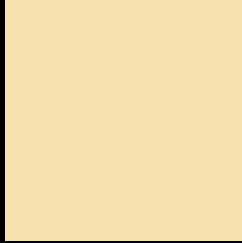
Large Text (above 18pt) WCAG AA × Fail

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 76.7197, 0.3628, 0.3812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

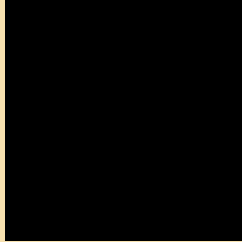
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.7197, 0.3628, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 76.7197, 0.3628, 0.3812.



This preview shows how white text looks on a background with the Yxy color 76.7197, 0.3628, 0.3812.

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

76.7197, 0.3628, 0.3812

Protanopia

76.9500, 0.3578, 0.3828

Deuteranopia

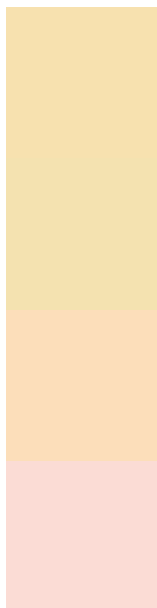
76.8232, 0.3572, 0.3577



Tritanopia

76.6371, 0.3280, 0.3121

Trichromacy



Original Color

76.7197, 0.3628, 0.3812

Protanomaly

76.7604, 0.3596, 0.3816

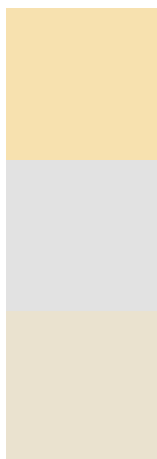
Deuteranomaly

76.4832, 0.3597, 0.3662

Tritanomaly

76.4997, 0.3401, 0.3362

Monochromacy



Original Color

76.7197, 0.3628, 0.3812

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.3901, 0.3309, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.7197, 0.3628, 0.3812 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(247, 225, 175)` looks like.

```
.text, #text, p{  
    color:rgb(247, 225, 175)  
}
```

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(247, 225, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 225, 175) }
```

Border

The CSS property to change the border of an element to Yxy 76.7197, 0.3628, 0.3812 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(247, 225, 175) }
```

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

```
.border{ border-color:rgb(247, 225, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 225, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 225, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 225, 175);  
box-shadow:4px 4px 4px 4px rgb(247, 225,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 76.7197, 0.3628, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 225, 175) }
```

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

```
.background{ background-color: rgb(247,  
225, 175) }
```

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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