

Converting Colors

$Yxy(78.8087, 0.3597, 0.3668)$

Have a look what the booklet for
Yxy(78.8087, 0.3597, 0.3668)
contains.

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Color

Yxy(78.7413, 0.3598, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	FFE1BC
RGB	255, 225, 188
RGB Percent	100%, 88%, 74%
CMY	0.0000, 0.1176, 0.2628
CMYK	0.00, 0.12, 0.26, 0.00
HSL	33°, 100%, 87%
HSV	33°, 26%, 100%
XYZ	77.2386, 78.7413, 58.6910
YIQ	229.7520, 29.7570, -5.1470

Conversions

Conversions Part 2

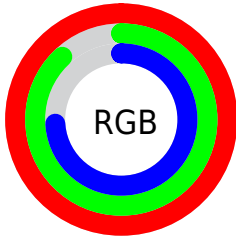
Format	Color
R _Y B	242, 255, 188
Decimal	16769468
CIE Lab	91.12, 4.88, 21.92
CIE LCh	91, 22.454, 77.452
Yxy	78.7413, 0.3598, 0.3668
Android (android.graphics.Color)	4294959548 (0xFFFFE1BC)
YUV	229.7520, -20.5837, 22.1425
Hunter-Lab	88.7363, 0.0830, 22.9004

Details

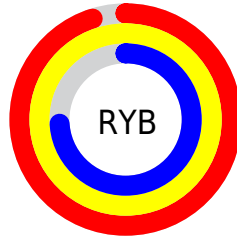
The Yxy color **78.7413, 0.3598, 0.3668** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.0311, 0.2702, 0.2880**, and the grayscale version is **79.0769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **42.5045, 0.3705, 0.3746** is the 20% darker color. If you saturate the color by 10%, you get **71.7764, 0.3816, 0.3818**, and if you desaturate by 10%, it is **86.3199, 0.3401, 0.3519**.

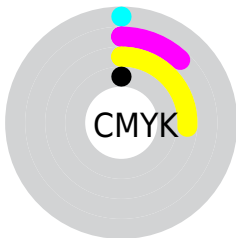
Distribution



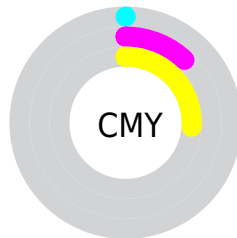
- Red (100%)
- Green (88%)
- Blue (74%)



- Red (95%)
- Yellow (100%)
- Blue (74%)



- Cyan (0%)
- Magenta (12%)
- Yellow (26%)
- Black (0%)





- Cyan (0%)
- Magenta (12%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7413, 0.3598, 0.3668 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 78.7413, 0.3598, 0.3668 by changing the saturation by 10% instead.


 78.7413, 0.3598,
0.3668

 78.7413, 0.3598,
0.3668


490.6807, 0.3383,
0.3498

 58.6831, 0.3646,
0.3705

 131.5946, 0.3524,
0.3610

 42.3581, 0.3705,
0.3750


165.1585, 0.3495,
0.3588

 29.3818, 0.3779,
0.3806


203.9932, 0.3470,
0.3568

 19.3698, 0.3875,
0.3877

248.4829, 0.3448,
0.3550

 11.9378, 0.4001,
0.3969

299.0121, 0.3429,
0.3535

 6.7013, 0.4175,
0.4091

355.9652, 0.3412,

 3.2760, 0.4427,

0.3522

0.4256

419.7266, 0.3396,
0.3509

■ 1.2775, 0.5180,
0.4820

■ 0.1237, 0.6568,
0.3432

■ 78.7413, 0.3598,
0.3668

■ 78.7413, 0.3598,
0.3668

■ 71.7764, 0.3816,
0.3818

■ 86.3199, 0.3401,
0.3519

■ 65.3962, 0.4054,
0.3962

■ 94.5185, 0.3226,
0.3376

■ 59.5848, 0.4305,
0.4090

99.9989, 0.3127,
0.3290

■ 54.3215, 0.4561,
0.4191

■ 49.5833, 0.4808,
0.4252

■ 45.3449, 0.5031,
0.4262

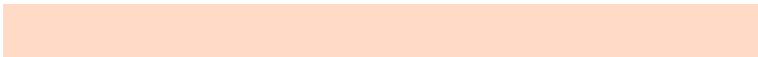
■ 41.5762, 0.5217,
0.4217

■ 40.2813, 0.5279,
0.4190

Harmonies

Analogous

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



78.7413, 0.3651, 0.3485



78.7413, 0.3598, 0.3668



78.7413, 0.3417, 0.3757

Triad

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



78.7413, 0.3598, 0.3668



78.7413, 0.2714, 0.3293



78.7413, 0.3074, 0.2910

Complementary

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



78.7413, 0.3598, 0.3668



68.0311, 0.2702, 0.2880

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.



78.7413, 0.2831, 0.2852



78.7413, 0.3598, 0.3668



78.7413, 0.2631, 0.3060

Square

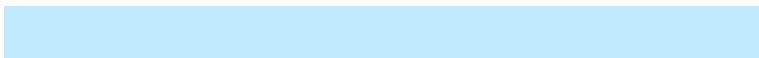
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7413, 0.3598, 0.3668



78.7413, 0.2906, 0.3538



78.7413, 0.2672, 0.2903



78.7413, 0.3341, 0.3058

Rectangle

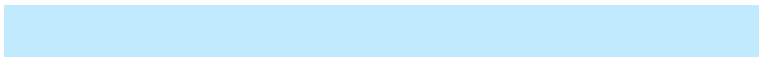
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7413, 0.3598, 0.3668



78.7413, 0.3251, 0.3743



78.7413, 0.2672, 0.2903



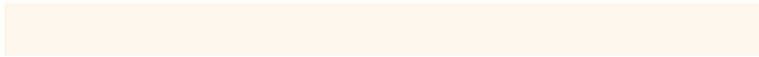
78.7413, 0.2987, 0.2880

Sweetspot

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



78.7449, 0.3598, 0.3668



93.0693, 0.3255, 0.3400



62.2849, 0.3442, 0.2983



19.6515, 0.3280, 0.3421



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.



78.7449, 0.3598, 0.3668



74.6907, 0.3720, 0.3754



95.7752, 0.3503, 0.3954



19.6515, 0.3280, 0.3421



21.3516, 0.5257, 0.4208



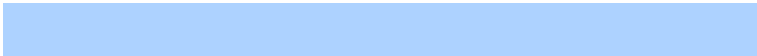
2.2971, 0.5102, 0.4331

Inverse Universe

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



68.0311, 0.2702, 0.2880



62.1980, 0.2605, 0.2775



54.2956, 0.2692, 0.2538



18.7158, 0.2979, 0.3155



10.3593, 0.1723, 0.1403



1.2228, 0.1784, 0.1620

Previews

White Background



This preview shows how the Yxy color 78.7413, 0.3598, 0.3668 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 78.7413, 0.3598, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

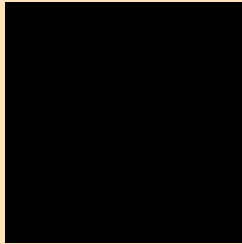
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7413, 0.3598, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 78.7413, 0.3598, 0.3668.



This preview shows how white text looks on a background with the Yxy color 78.7413, 0.3598, 0.3668.

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

78.7413, 0.3598, 0.3668

Protanopia

78.8110, 0.3485, 0.3698

Deuteranopia

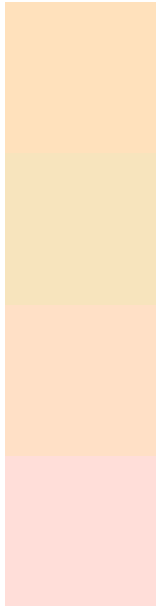
78.8831, 0.3495, 0.3504



Tritanopia

78.9134, 0.3283, 0.3161

Trichromacy



Original Color

78.7413, 0.3598, 0.3668

Protanomaly

78.9351, 0.3524, 0.3695

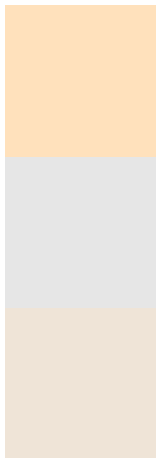
Deuteranomaly

78.6485, 0.3530, 0.3555

Tritanomaly

78.5123, 0.3400, 0.3341

Monochromacy



Original Color

78.7413, 0.3598, 0.3668

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.7438, 0.3289, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7413, 0.3598, 0.3668 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(255, 225, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 188)  
}
```

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(255, 225, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 188) }
```

Border

The CSS property to change the border of an element to Yxy 78.7413, 0.3598, 0.3668 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(255, 225, 188) }
```

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

```
.border{ border-color:rgb(255, 225, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7413, 0.3598, 0.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 188) }
```

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

```
.background{ background-color: rgb(255,  
225, 188) }
```

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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