

Converting Colors

$Yxy(78.7899, 0.3473, 0.3484)$

Have a look what the booklet for
Yxy(78.7899, 0.3473, 0.3484)
contains.

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Color

Yxy(78.7899, 0.3473, 0.3484)

Conversions

Conversions Part 1

Format	Color
Hex	FEE0CD
RGB	254, 224, 205
RGB Percent	100%, 88%, 80%
CMY	0.0040, 0.1215, 0.1961
CMYK	0.00, 0.12, 0.19, 0.00
HSL	23°, 96%, 90%
HSV	23°, 19%, 100%
XYZ	78.5411, 78.7899, 68.8168
YIQ	230.8040, 23.9790, 0.4510

Conversions

Conversions Part 2

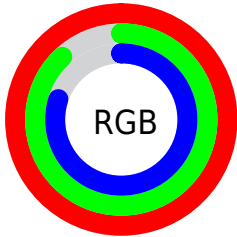
Format	Color
RYB	254, 236, 205
Decimal	16703693
CIELab	91.14, 7.39, 13.09
CIELCh	91, 15.030, 60.542
Yxy	78.7899, 0.3473, 0.3484
Android (android.graphics.Color)	4294893773 (0xFFFE0CD)
YUV	230.8040, -12.7214, 20.3429
Hunter-Lab	88.7637, 2.6065, 16.1682

Details

The Yxy color **78.7899, 0.3473, 0.3484** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.5212, 0.2825, 0.3088**, and the grayscale version is **79.8409, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4806, 0.3552, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **69.6921, 0.3697, 0.3591**, and if you desaturate by 10%, it is **88.8567, 0.3281, 0.3381**.

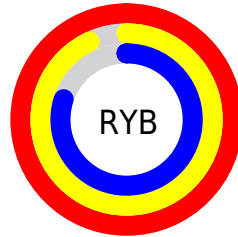
Distribution



Red (100%)

Green (88%)

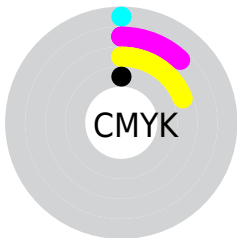
Blue (80%)



Red (100%)

Yellow (93%)

Blue (80%)

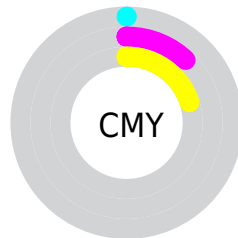


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7899, 0.3473, 0.3484 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 78.7899, 0.3473, 0.3484 by changing the saturation by 10% instead.


 78.7899, 0.3473,
0.3484

 78.7899, 0.3473,
0.3484

490.8453, 0.3314,
0.3398

 58.7231, 0.3509,
0.3503


131.6630, 0.3418,
0.3455

 42.3902, 0.3553,
0.3526


165.2382, 0.3397,
0.3443

 29.4070, 0.3609,
0.3555


204.0848, 0.3378,
0.3433

 19.3889, 0.3681,
0.3591

248.5874, 0.3362,
0.3424

 11.9516, 0.3779,
0.3638

299.1304, 0.3348,
0.3416

 6.7108, 0.3917,
0.3702

356.0981, 0.3336,

 3.2819, 0.4128,

0.3409

0.3793

419.8749, 0.3324,
0.3403

■ 1.2806, 0.4613,
0.4038

■ 0.1261, 0.7043,
0.2957

■ 78.7899, 0.3473,
0.3484

■ 78.7899, 0.3473,
0.3484

■ 69.6921, 0.3697,
0.3591

■ 88.8567, 0.3281,
0.3381

■ 61.5228, 0.3954,
0.3698

99.8071, 0.3121,
0.3290

■ 54.2540, 0.4244,
0.3798

■ 47.8521, 0.4561,
0.3881

■ 42.2812, 0.4893,
0.3935

■ 37.5021, 0.5218,
0.3946

■ 33.4717, 0.5510,
0.3905

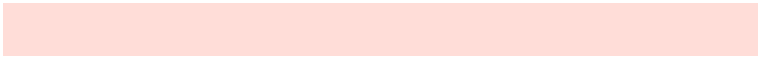
■ 30.1360, 0.5746,
0.3814

■ 29.9226, 0.5762,
0.3807

Harmonies

Analogous

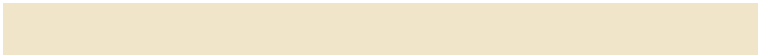
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7899, 0.3451, 0.3342



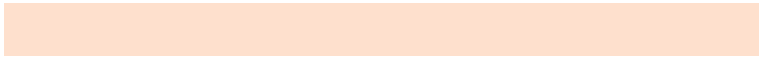
78.7899, 0.3473, 0.3484



78.7899, 0.3399, 0.3579

Triad

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



78.7899, 0.3473, 0.3484



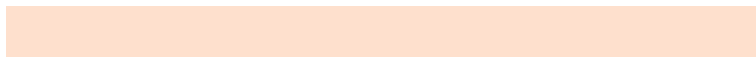
78.7899, 0.2916, 0.3388



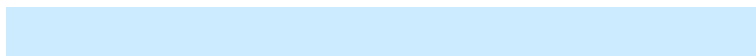
78.7899, 0.2996, 0.3001

Complementary

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



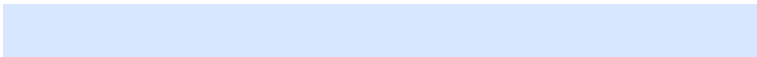
78.7899, 0.3473, 0.3484



79.5212, 0.2825, 0.3088

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.



78.7899, 0.2858, 0.3005



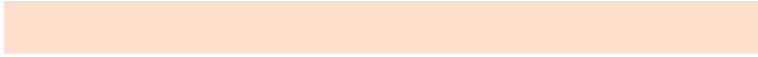
78.7899, 0.3473, 0.3484



78.7899, 0.2813, 0.3223

Square

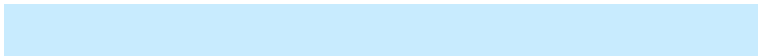
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7899, 0.3473, 0.3484



78.7899, 0.3075, 0.3527



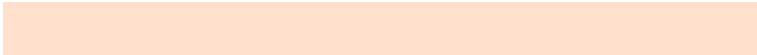
78.7899, 0.2793, 0.3084



78.7899, 0.3172, 0.3069

Rectangle

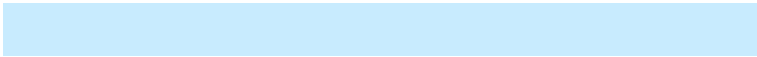
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7899, 0.3473, 0.3484



78.7899, 0.3307, 0.3601



78.7899, 0.2793, 0.3084



78.7899, 0.2944, 0.2994

Sweetspot

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



78.7934, 0.3473, 0.3484



93.2275, 0.3224, 0.3348



70.7332, 0.3283, 0.2988



19.8014, 0.3235, 0.3354



0.0000, 0.0000, 0.0000



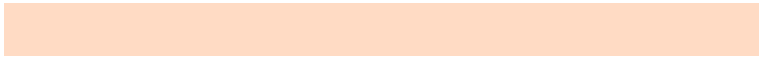
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7934, 0.3473, 0.3484



75.9914, 0.3552, 0.3524



92.7716, 0.3429, 0.3719



19.1439, 0.3285, 0.3383



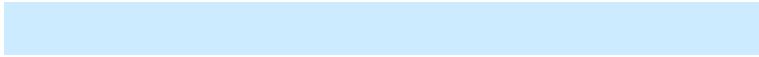
16.0434, 0.5733, 0.3830



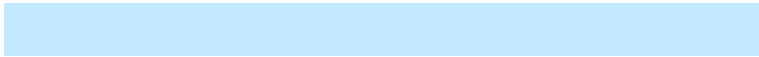
1.7666, 0.5522, 0.3997

Inverse Universe

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



79.5212, 0.2825, 0.3088



76.8410, 0.2766, 0.3044



66.5729, 0.2809, 0.2821



19.2274, 0.2979, 0.3195



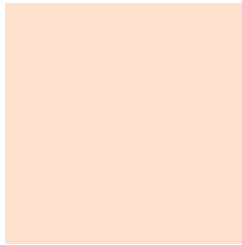
16.4890, 0.1878, 0.1961



1.8178, 0.1925, 0.2129

Previews

White Background



This preview shows how the Yxy color 78.7899, 0.3473, 0.3484 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 78.7899, 0.3473, 0.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

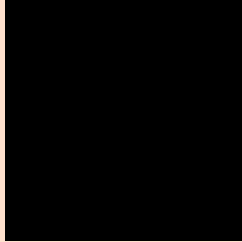
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7899, 0.3473, 0.3484

Background



This preview shows how black text looks on a background with the Yxy color 78.7899, 0.3473, 0.3484.

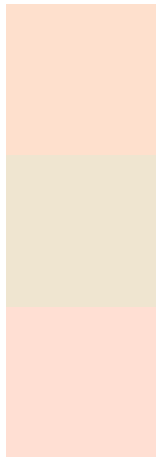


This preview shows how white text looks on a background with the Yxy color 78.7899, 0.3473, 0.3484.

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

78.7899, 0.3473, 0.3484

Protanopia

78.9434, 0.3335, 0.3510

Deuteranopia

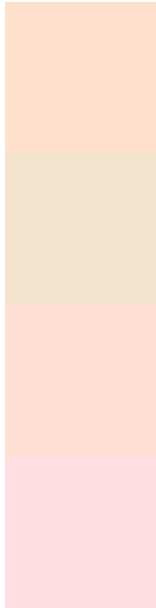
78.7385, 0.3440, 0.3412



Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

78.7899, 0.3473, 0.3484

Protanomaly

78.6763, 0.3381, 0.3498

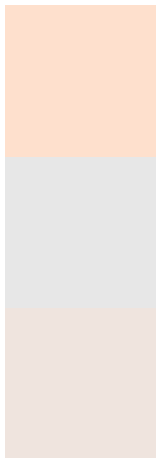
Deuteranomaly

78.6388, 0.3454, 0.3432

Tritanomaly

78.9388, 0.3344, 0.3261

Monochromacy



Original Color

78.7899, 0.3473, 0.3484

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.1115, 0.3243, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7899, 0.3473, 0.3484 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(254, 224, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 224, 205)  
}
```

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(254, 224, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 224, 205) }
```

Border

The CSS property to change the border of an element to Yxy 78.7899, 0.3473, 0.3484 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(254, 224, 205) }
```

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

```
.border{ border-color:rgb(254, 224, 205) }
```

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

Here you see how a box with a 4 pixel rgb(254, 224, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 224, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 224, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 224,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7899, 0.3473, 0.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 224, 205) }
```

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

```
.background{ background-color: rgb(254,  
224, 205) }
```

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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