

Converting Colors

$Y_{xy}(77.3128, 0.3784, 0.4001)$

Have a look what the booklet for
Yxy(77.3128, 0.3784, 0.4001)
contains.

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Color

Yxy(77.3363, 0.3778, 0.3999)

Conversions

Conversions Part 1

Format	Color
Hex	FBE29D
RGB	251, 226, 157
RGB Percent	98%, 89%, 62%
CMY	0.0158, 0.1137, 0.3842
CMYK	0.00, 0.10, 0.37, 0.02
HSL	44°, 92%, 80%
HSV	44°, 37%, 98%
XYZ	73.0624, 77.3363, 42.9904
YIQ	225.6090, 37.0490, -16.1590

Conversions

Conversions Part 2

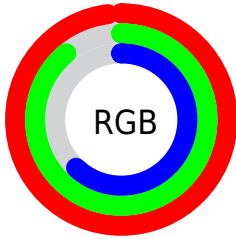
Format	Color
R _Y B	191, 251, 157
Decimal	16507549
CIE Lab	90.48, -0.92, 36.86
CIE LCh	90, 36.867, 91.437
Yxy	77.3363, 0.3778, 0.3999
Android (android.graphics.Color)	4294697629 (0xFFFFBE29D)
YUV	225.6090, -33.8242, 22.2679
Hunter-Lab	87.9411, -5.5971, 32.5745

Details

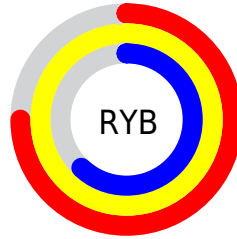
The Yxy color **77.3363, 0.3778, 0.3999** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.5928, 0.2483, 0.2459**, and the grayscale version is **75.9874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.5335, 0.3382, 0.3711**, and **41.4832, 0.3914, 0.4153** is the 20% darker color. If you saturate the color by 10%, you get **73.0109, 0.3972, 0.4181**, and if you desaturate by 10%, it is **81.9861, 0.3589, 0.3807**.

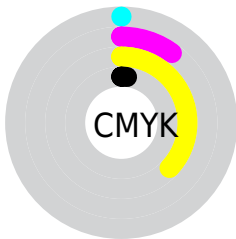
Distribution



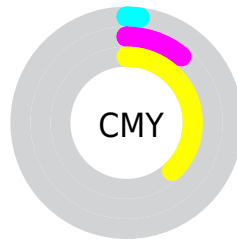
- Red (98%)
- Green (89%)
- Blue (62%)



- Red (75%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (2%)





- Cyan (2%)
- Magenta (11%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3363, 0.3778, 0.3999 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 77.3363, 0.3778, 0.3999 by changing the saturation by 10% instead.


 77.3363, 0.3778,
0.3999


 77.3363, 0.3778,
0.3999


485.9099, 0.3485,
0.3679

 57.5289, 0.3842,
0.4069


 129.6141, 0.3679,
0.3890

 41.4301, 0.3918,
0.4153


 162.8533, 0.3640,
0.3847

 28.6553, 0.4011,
0.4256


201.3386, 0.3605,
0.3810

 18.8202, 0.4126,
0.4383

245.4543, 0.3576,
0.3777

 11.5404, 0.4269,
0.4543

295.5850, 0.3549,
0.3748

 6.4316, 0.4445,
0.4742

352.1148, 0.3526,

 3.1092, 0.4829,

0.3723

0.5171

415.4283, 0.3504,
0.3700

■ 1.1890, 0.4812,
0.5188

■ 0.0527, 0.3431,
0.6569

■ 77.3363, 0.3778,
0.3999

■ 77.3363, 0.3778,
0.3999

■ 73.0109, 0.3972,
0.4181

■ 81.9861, 0.3589,
0.3807

■ 68.9867, 0.4164,
0.4344

■ 86.9609, 0.3409,
0.3614

■ 65.2537, 0.4346,
0.4476

■ 92.2753, 0.3242,
0.3425

■ 61.7964, 0.4508,
0.4566

■ 97.7817, 0.3103,
0.3268

■ 58.5972, 0.4642,
0.4608

■ 99.2452, 0.3102,
0.3290

■ 55.6332, 0.4745,
0.4602

■ 54.9012, 0.4769,
0.4595

Harmonies

Analogous

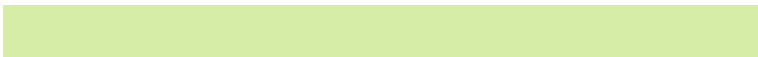
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.3363, 0.3982, 0.3742



77.3363, 0.3778, 0.3999



77.3363, 0.3404, 0.4073

Triad

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



77.3363, 0.3778, 0.3999



77.3363, 0.2374, 0.3090



77.3363, 0.3240, 0.2778

Complementary

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



77.3363, 0.3778, 0.3999



47.5928, 0.2483, 0.2459

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.



77.3363, 0.2811, 0.2614



77.3363, 0.3778, 0.3999



77.3363, 0.2336, 0.2764

Square

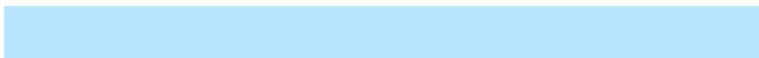
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3363, 0.3778, 0.3999



77.3363, 0.2599, 0.3515



77.3363, 0.2489, 0.2603



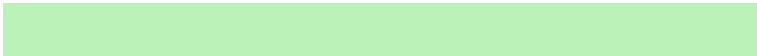
77.3363, 0.3664, 0.3057

Rectangle

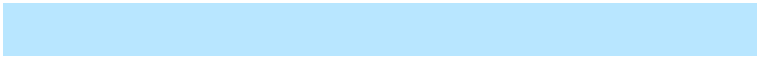
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.3363, 0.3778, 0.3999



77.3363, 0.3115, 0.3982



77.3363, 0.2489, 0.2603



77.3363, 0.3091, 0.2708

Sweetspot

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



77.3399, 0.3778, 0.3999



93.6588, 0.3300, 0.3492



48.0127, 0.3799, 0.3025



19.8860, 0.3323, 0.3517



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

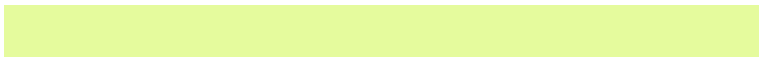
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.3399, 0.3778, 0.3999



76.7430, 0.3926, 0.4139



88.0840, 0.3538, 0.4274



19.3644, 0.3275, 0.3463



29.1156, 0.4757, 0.4605



2.8703, 0.4674, 0.4670

Inverse Universe

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



47.5928, 0.2483, 0.2459



41.8474, 0.2339, 0.2254



40.6686, 0.2593, 0.2195



17.3932, 0.2979, 0.3111



5.9552, 0.1589, 0.0919



0.7176, 0.1651, 0.1142

Previews

White Background



This preview shows how the Yxy color 77.3363, 0.3778, 0.3999 looks on a white background.

Color Contrast Check

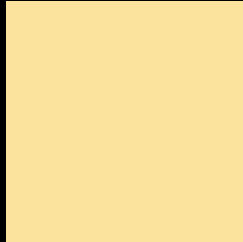
Large Text (above 18pt) WCAG AA × Fail

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 77.3363, 0.3778, 0.3999 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

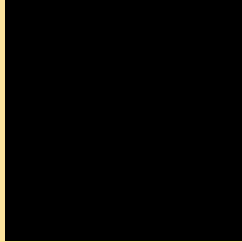
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.3363, 0.3778, 0.3999

Background



This preview shows how black text looks on a background with the Yxy color 77.3363, 0.3778, 0.3999.



This preview shows how white text looks on a background with the Yxy color 77.3363, 0.3778, 0.3999.

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

77.3363, 0.3778, 0.3999

Protanopia

77.5483, 0.3727, 0.4018

Deuteranopia

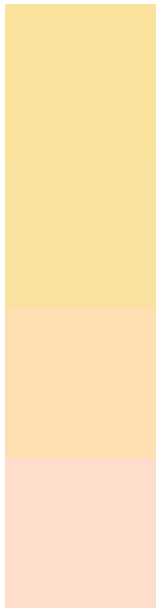
77.2203, 0.3591, 0.3618



Tritanopia

77.2290, 0.3300, 0.3151

Trichromacy



Original Color

77.3363, 0.3778, 0.3999

Protanomaly

77.3633, 0.3745, 0.4005

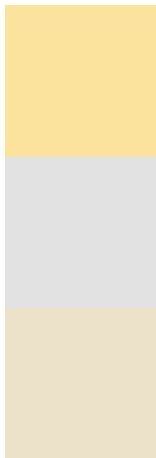
Deuteranomaly

77.0605, 0.3666, 0.3752

Tritanomaly

77.1915, 0.3479, 0.3454

Monochromacy



Original Color

77.3363, 0.3778, 0.3999

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2719, 0.3357, 0.3557

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3363, 0.3778, 0.3999 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(251, 226, 157)` looks like.

```
.text, #text, p{  
    color:rgb(251, 226, 157)  
}
```

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(251, 226, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 226, 157) }
```

Border

The CSS property to change the border of an element to Yxy 77.3363, 0.3778, 0.3999 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(251, 226, 157) }
```

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

```
.border{ border-color:rgb(251, 226, 157) }
```

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

Here you see how a box with a 4 pixel rgb(251, 226, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 226, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 226, 157);  
box-shadow:4px 4px 4px 4px rgb(251, 226,  
157) }
```


Background

The CSS property to change the background color of an element to `rgb(77.3363, 0.3778, 0.3999)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 226, 157) }
```

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

```
.background{ background-color: rgb(251,  
226, 157) }
```

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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