

Converting Colors

$Y_{xy}(85.8412, 0.3839, 0.3584)$

Have a look what the booklet for
Yxy(85.8412, 0.3839, 0.3584)
contains.

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Color

Yxy(78.3771, 0.3572, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0C0
RGB	255, 224, 192
RGB Percent	100%, 88%, 75%
CMY	0.0001, 0.1215, 0.2471
CMYK	0.00, 0.12, 0.25, 0.00
HSL	31°, 100%, 88%
HSV	31°, 25%, 100%
XYZ	77.4020, 78.3771, 60.9118
YIQ	229.6210, 28.7480, -3.3800

Conversions

Conversions Part 2

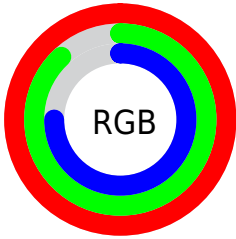
Format	Color
R_{YB}	253, 255, 192
Decimal	16769216
CIE _{Lab}	90.95, 5.92, 19.60
CIE _{LCh}	91, 20.479, 73.197
Yxy	78.3771, 0.3572, 0.3617
Android (android.graphics.Color)	4294959296 (0xFFFFE0C0)
YUV	229.6210, -18.5472, 22.2574
Hunter-Lab	88.5308, 1.1325, 21.1783

Details

The Yxy color **78.3771, 0.3572, 0.3617** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.1718, 0.2732, 0.2939**, and the grayscale version is **78.9595, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **42.2167, 0.3682, 0.3695** is the 20% darker color. If you saturate the color by 10%, you get **70.8558, 0.3794, 0.3756**, and if you desaturate by 10%, it is **86.5979, 0.3375, 0.3480**.

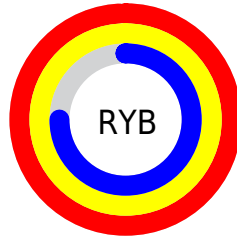
Distribution



Red (100%)

Green (88%)

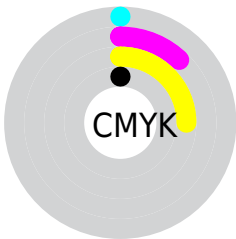
Blue (75%)



Red (99%)

Yellow (100%)

Blue (75%)

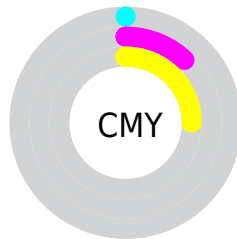


Cyan (0%)

Magenta (12%)

Yellow (25%)

Black (0%)



Cyan (0%)


Magenta (12%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3771, 0.3572, 0.3617 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 78.3771, 0.3572, 0.3617 by changing the saturation by 10% instead.


 78.3771, 0.3572,
0.3617

 78.3771, 0.3572,
0.3617


489.4466, 0.3368,
0.3471

 58.3838, 0.3618,
0.3649


 131.0816, 0.3502,
0.3567

 42.1173, 0.3674,
0.3688


164.5616, 0.3474,
0.3548

 29.1931, 0.3745,
0.3737


203.3059, 0.3451,
0.3530

 19.2270, 0.3836,
0.3798

247.6989, 0.3430,
0.3515

 11.8344, 0.3958,
0.3877

298.1252, 0.3412,
0.3502

 6.6310, 0.4129,
0.3984

354.9689, 0.3395,

 3.2324, 0.4379,

0.3491

0.4129

418.6146, 0.3381,
0.3480

1.2543, 0.5246,
0.4754

0.1054, 0.6990,
0.3010

78.3771, 0.3572,
0.3617

78.3771, 0.3572,
0.3617

70.8558, 0.3794,
0.3756

86.5979, 0.3375,
0.3480

64.0025, 0.4039,
0.3891

95.5272, 0.3201,
0.3349

57.7989, 0.4304,
0.4012

99.9951, 0.3127,
0.3290

52.2214, 0.4578,
0.4109

■ 47.2445, 0.4849,
0.4167

■ 42.8398, 0.5100,
0.4176

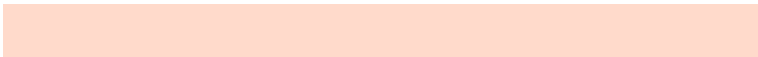
■ 38.9751, 0.5312,
0.4129

■ 37.1269, 0.5411,
0.4086

Harmonies

Analogous

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



78.3771, 0.3600, 0.3443



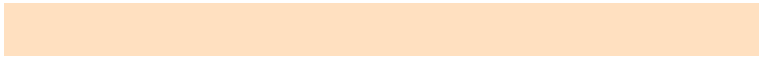
78.3771, 0.3572, 0.3617



78.3771, 0.3421, 0.3712

Triad

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



78.3771, 0.3572, 0.3617



78.3771, 0.2769, 0.3326



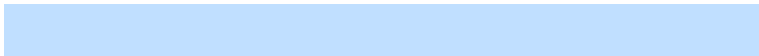
78.3771, 0.3045, 0.2928

Complementary

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



78.3771, 0.3572, 0.3617



71.1718, 0.2732, 0.2939

Split Complementary

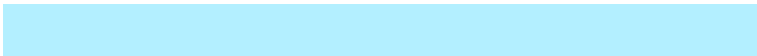
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.3771, 0.2830, 0.2889



78.3771, 0.3572, 0.3617



78.3771, 0.2676, 0.3108

Square

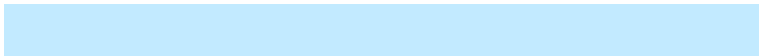
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.3771, 0.3572, 0.3617



78.3771, 0.2957, 0.3544



78.3771, 0.2698, 0.2951



78.3771, 0.3289, 0.3054

Rectangle

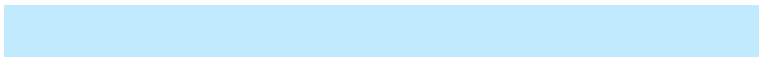
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.3771, 0.3572, 0.3617



78.3771, 0.3275, 0.3710



78.3771, 0.2698, 0.2951



78.3771, 0.2967, 0.2904

Sweetspot

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



78.3807, 0.3572, 0.3617



93.4325, 0.3239, 0.3378



64.3043, 0.3394, 0.2971



19.8808, 0.3249, 0.3386



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.



78.3807, 0.3572, 0.3617



74.3258, 0.3687, 0.3691



96.5640, 0.3502, 0.3909



19.5140, 0.3281, 0.3411



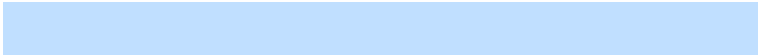
19.7037, 0.5386, 0.4106



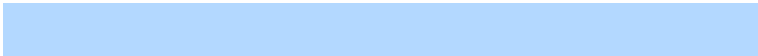
2.1372, 0.5213, 0.4243

Inverse Universe

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



71.1718, 0.2732, 0.2939



65.9081, 0.2644, 0.2852



56.1191, 0.2701, 0.2585



18.8522, 0.2979, 0.3166



11.7788, 0.1763, 0.1545



1.3649, 0.1821, 0.1753

Previews

White Background



This preview shows how the Yxy color 78.3771, 0.3572, 0.3617 looks on a white background.

Color Contrast Check

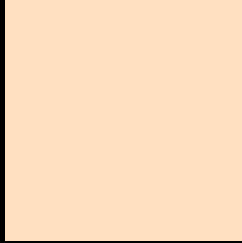
Large Text (above 18pt) WCAG AA × Fail

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 78.3771, 0.3572, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

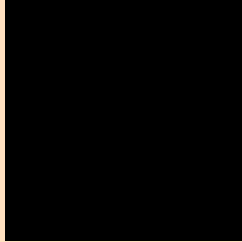
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3771, 0.3572, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 78.3771, 0.3572, 0.3617.



This preview shows how white text looks on a background with the Yxy color 78.3771, 0.3572, 0.3617.

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

78.3771, 0.3572, 0.3617

Protanopia

78.6344, 0.3444, 0.3658

Deuteranopia

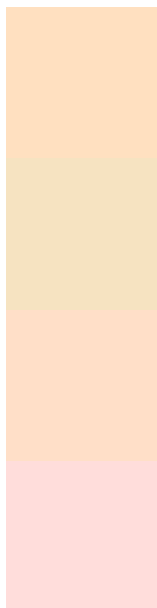
78.3950, 0.3489, 0.3484



Tritanopia

78.3869, 0.3284, 0.3151

Trichromacy



Original Color

78.3771, 0.3572, 0.3617

Protanomaly

78.3813, 0.3491, 0.3644

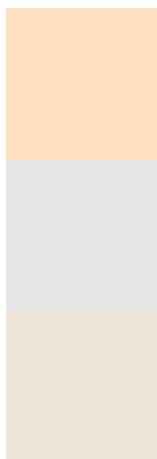
Deuteranomaly

78.2055, 0.3518, 0.3525

Tritanomaly

78.0874, 0.3387, 0.3311

Monochromacy



Original Color

78.3771, 0.3572, 0.3617

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.7954, 0.3283, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3771, 0.3572, 0.3617 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, 224, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 192)  
}
```

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, 224, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 192) }
```

Border

The CSS property to change the border of an element to Yxy 78.3771, 0.3572, 0.3617 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, 224, 192) }
```

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

```
.border{ border-color:rgb(255, 224, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3771, 0.3572, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 192) }
```

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

```
.background{ background-color: rgb(255,  
224, 192) }
```

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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