

Converting Colors

$Y_{xy}(87.9240, 0.4074, 0.3721)$

Have a look what the booklet for
Yxy(87.9240, 0.4074, 0.3721)
contains.

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Color

Yxy(77.0913, 0.3702, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFAE
RGB	255, 223, 174
RGB Percent	100%, 87%, 68%
CMY	0.0001, 0.1254, 0.3177
CMYK	0.00, 0.13, 0.32, 0.00
HSL	36°, 100%, 84%
HSV	36°, 32%, 100%
XYZ	75.2616, 77.0913, 50.9469
YIQ	226.9820, 34.8010, -8.4550

Conversions

Conversions Part 2

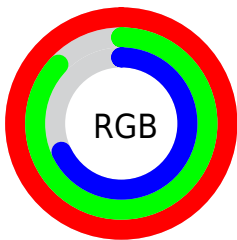
Format	Color
R _Y B	227, 255, 174
Decimal	16768942
CIE Lab	90.36, 4.11, 28.12
CIE LCh	90, 28.416, 81.683
Yxy	77.0913, 0.3702, 0.3792
Android (android.graphics.Color)	4294959022 (0xFFFFDFAE)
YUV	226.9820, -26.1201, 24.5718
Hunter-Lab	87.8017, -0.6467, 27.0581

Details

The Yxy color **77.0913, 0.3702, 0.3792** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.3346, 0.2603, 0.2729**, and the grayscale version is **76.9767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **41.2561, 0.3831, 0.3905** is the 20% darker color. If you saturate the color by 10%, you get **70.9737, 0.3920, 0.3952**, and if you desaturate by 10%, it is **83.7244, 0.3500, 0.3629**.

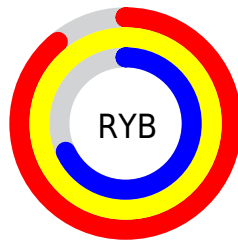
Distribution



Red (100%)

Green (87%)

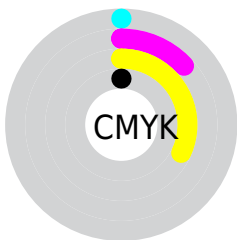
Blue (68%)



Red (89%)

Yellow (100%)

Blue (68%)

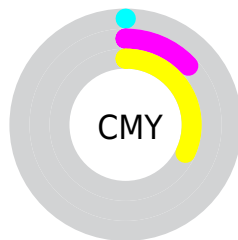


Cyan (0%)

Magenta (13%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0913, 0.3702, 0.3792 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 77.0913, 0.3702, 0.3792 by changing the saturation by 10% instead.


 77.0913, 0.3702,
0.3792

 77.0913, 0.3702,
0.3792


485.0753, 0.3440,
0.3567

 57.3278, 0.3761,
0.3841


 129.2684, 0.3612,
0.3715

 41.2685, 0.3832,
0.3901


162.4507, 0.3577,
0.3685

 28.5289, 0.3921,
0.3974


200.8748, 0.3546,
0.3659

 18.7248, 0.4034,
0.4066

244.9250, 0.3519,
0.3636

 11.4716, 0.4182,
0.4184

294.9858, 0.3496,
0.3615

 6.3850, 0.4380,
0.4335

351.4415, 0.3475,

 3.0805, 0.4699,

0.3597

0.4575

414.6765, 0.3456,
0.3581

■ 1.1739, 0.5139,
0.4861

■ 0.0403, 0.7749,
0.2251

■ 77.0913, 0.3702,
0.3792

■ 77.0913, 0.3702,
0.3792

■ 70.9737, 0.3920,
0.3952

■ 83.7244, 0.3500,
0.3629

■ 65.3447, 0.4151,
0.4101

■ 90.8777, 0.3318,
0.3469

■ 60.1906, 0.4385,
0.4227

■ 98.5690, 0.3154,
0.3316

■ 55.4922, 0.4614,
0.4319

99.9970, 0.3127,
0.3290

■ 51.2283, 0.4823,
0.4364

■ 47.3747, 0.5002,
0.4356

■ 44.4828, 0.5124,
0.4313

Harmonies

Analogous

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



77.0913, 0.3798, 0.3568



77.0913, 0.3702, 0.3792



77.0913, 0.3451, 0.3892

Triad

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



77.0913, 0.3702, 0.3792



77.0913, 0.2581, 0.3244



77.0913, 0.3105, 0.2833

Complementary

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



77.0913, 0.3702, 0.3792



60.3346, 0.2603, 0.2729

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.



77.0913, 0.2789, 0.2742



77.0913, 0.3702, 0.3792



77.0913, 0.2499, 0.2957

Square

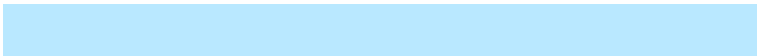
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0913, 0.3702, 0.3792



77.0913, 0.2804, 0.3567



77.0913, 0.2573, 0.2781



77.0913, 0.3443, 0.3030

Rectangle

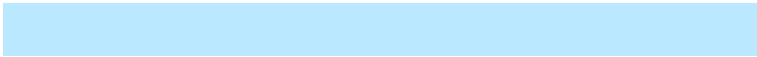
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0913, 0.3702, 0.3792



77.0913, 0.3234, 0.3860



77.0913, 0.2573, 0.2781



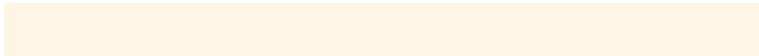
77.0913, 0.2993, 0.2789

Sweetspot

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



77.0948, 0.3702, 0.3792



92.2110, 0.3287, 0.3441



55.9965, 0.3566, 0.2956



19.5120, 0.3311, 0.3463



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.



77.0948, 0.3702, 0.3792



73.2317, 0.3836, 0.3893



94.3182, 0.3553, 0.4101



19.8168, 0.3279, 0.3434



23.5460, 0.5105, 0.4329



2.5058, 0.4972, 0.4434

Inverse Universe

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



60.3346, 0.2603, 0.2729



54.1348, 0.2494, 0.2597



47.4386, 0.2613, 0.2361



18.5539, 0.2979, 0.3142



8.8705, 0.1679, 0.1243



1.0695, 0.1741, 0.1467

Previews

White Background



This preview shows how the Yxy color 77.0913, 0.3702, 0.3792 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 77.0913, 0.3702, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

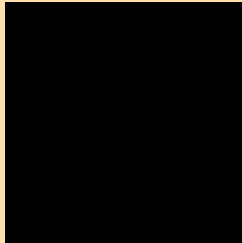
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.0913, 0.3702, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 77.0913, 0.3702, 0.3792.



This preview shows how white text looks on a background with the Yxy color 77.0913, 0.3702, 0.3792.

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

77.0913, 0.3702, 0.3792

Protanopia

77.1274, 0.3586, 0.3827

Deuteranopia

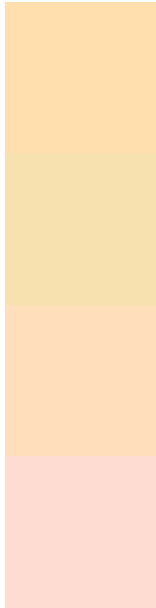
76.8679, 0.3565, 0.3566



Tritanopia

77.1723, 0.3307, 0.3161

Trichromacy



Original Color

77.0913, 0.3702, 0.3792

Protanomaly

77.2620, 0.3625, 0.3822

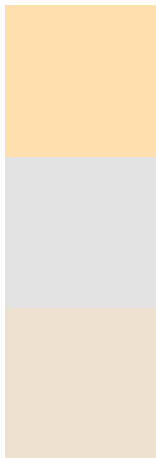
Deuteranomaly

77.0904, 0.3613, 0.3649

Tritanomaly

77.0995, 0.3452, 0.3392

Monochromacy



Original Color

77.0913, 0.3702, 0.3792

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.9513, 0.3324, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0913, 0.3702, 0.3792 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, 223, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 174)  
}
```

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, 223, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 174) }
```

Border

The CSS property to change the border of an element to Yxy 77.0913, 0.3702, 0.3792 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, 223, 174) }
```

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

```
.border{ border-color:rgb(255, 223, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 223, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0913, 0.3702, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 174) }
```

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

```
.background{ background-color: rgb(255,  
223, 174) }
```

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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