

Converting Colors

$Y_{xy}(76.3034, 0.3372, 0.3385)$

Have a look what the booklet for
Yxy(76.3034, 0.3372, 0.3385)
contains.

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Color

Yxy(76.0592, 0.3370, 0.3384)

Conversions

Conversions Part 1

Format	Color
Hex	F6DDD4
RGB	246, 221, 212
RGB Percent	96%, 87%, 83%
CMY	0.0353, 0.1333, 0.1687
CMYK	0.00, 0.10, 0.14, 0.04
HSL	16°, 65%, 90%
HSV	16°, 14%, 96%
XYZ	75.7445, 76.0592, 72.9575
YIQ	227.4490, 17.7890, 2.5010

Conversions

Conversions Part 2

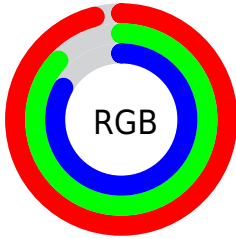
Format	Color
R _Y B	246, 224, 212
Decimal	16178644
CIE Lab	89.89, 7.15, 7.55
CIE LCh	90, 10.402, 46.554
Yxy	76.0592, 0.3370, 0.3384
Android (android.graphics.Color)	4294368724 (0xFFFF6DDD4)
YUV	227.4490, -7.6164, 16.2692
Hunter-Lab	87.2119, 2.4084, 11.4491

Details

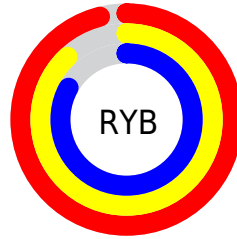
The Yxy color **76.0592, 0.3370, 0.3384** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.1995, 0.2913, 0.3194**, and the grayscale version is **77.2080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5256, 0.3426, 0.3411** is the 20% darker color. If you saturate the color by 10%, you get **65.8796, 0.3587, 0.3457**, and if you desaturate by 10%, it is **87.4618, 0.3189, 0.3315**.

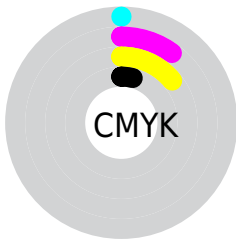
Distribution



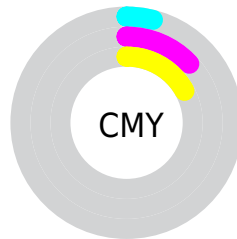
- Red (96%)
- Green (87%)
- Blue (83%)



- Red (96%)
- Yellow (88%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (13%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0592, 0.3370, 0.3384 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 76.0592, 0.3370, 0.3384 by changing the saturation by 10% instead.


 76.0592, 0.3370,
0.3384

 76.0592, 0.3370,
0.3384


481.5503, 0.3258,
0.3342

 56.4811, 0.3396,
0.3393


127.8106, 0.3331,
0.3370

 40.5887, 0.3427,
0.3405


160.7526, 0.3316,
0.3364

 27.9979, 0.3467,
0.3419


198.9181, 0.3303,
0.3359

 18.3241, 0.3519,
0.3437

242.6913, 0.3292,
0.3355

 11.1829, 0.3591,
0.3460

292.4568, 0.3282,
0.3351

 6.1900, 0.3693,
0.3493

348.5988, 0.3273,

 2.9609, 0.3853,

0.3348

0.3539

411.5019, 0.3265,
0.3345

■ 1.1114, 0.4176,
0.3646

■ 0.0000, 1.0000,
0.0000

■ 76.0592, 0.3370,
0.3384

■ 76.0592, 0.3370,
0.3384

■ 65.8796, 0.3587,
0.3457

■ 87.4618, 0.3189,
0.3315

■ 56.8719, 0.3845,
0.3531

■ 98.3338, 0.3072,
0.3290

■ 48.9963, 0.4147,
0.3603

■ 42.2069, 0.4492,
0.3666

■ 36.4545, 0.4871,
0.3709

■ 31.6858, 0.5262,
0.3721

■ 27.8425, 0.5628,
0.3693

■ 24.8589, 0.5928,
0.3620

■ 23.4090, 0.6072,
0.3561

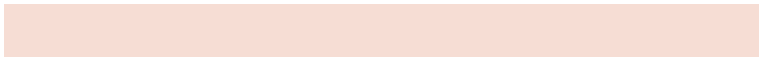
Harmonies

Analogous

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



76.0592, 0.3324, 0.3278



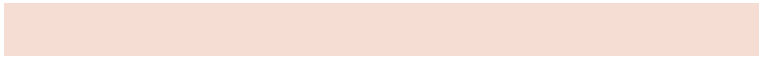
76.0592, 0.3370, 0.3384



76.0592, 0.3349, 0.3468

Triad

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



76.0592, 0.3370, 0.3384



76.0592, 0.3028, 0.3407



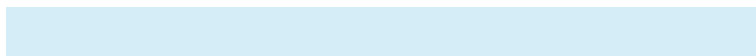
76.0592, 0.2985, 0.3080

Complementary

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



76.0592, 0.3370, 0.3384



81.1995, 0.2913, 0.3194

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.



76.0592, 0.2909, 0.3110



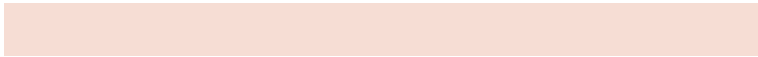
76.0592, 0.3370, 0.3384



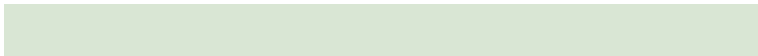
76.0592, 0.2934, 0.3298

Square

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



76.0592, 0.3370, 0.3384



76.0592, 0.3150, 0.3484



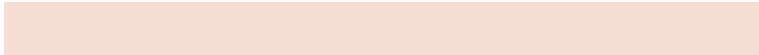
76.0592, 0.2890, 0.3189



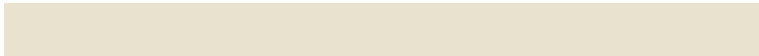
76.0592, 0.3100, 0.3105

Rectangle

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



76.0592, 0.3370, 0.3384



76.0592, 0.3301, 0.3500



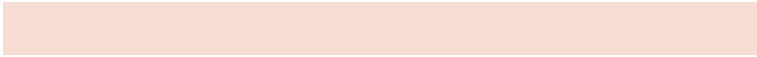
76.0592, 0.2890, 0.3189



76.0592, 0.2954, 0.3084

Sweetspot

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



76.0626, 0.3370, 0.3384



94.6727, 0.3191, 0.3316



72.8111, 0.3201, 0.3031



20.0547, 0.3204, 0.3321



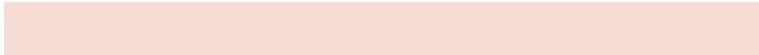
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

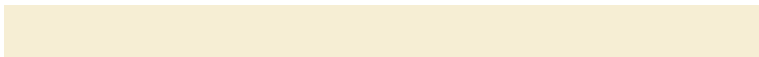
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.0626, 0.3370, 0.3384



78.8550, 0.3435, 0.3407



85.2029, 0.3347, 0.3550



17.1978, 0.3287, 0.3353



12.6891, 0.6044, 0.3583



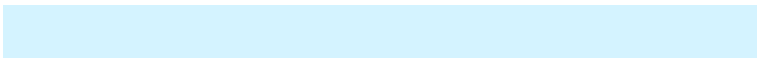
1.2771, 0.5801, 0.3776

Inverse Universe

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



81.1995, 0.2913, 0.3194



85.5618, 0.2864, 0.3170



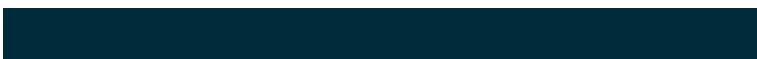
72.0868, 0.2908, 0.3016



17.9700, 0.2980, 0.3226



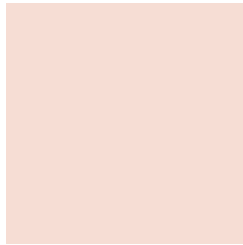
21.3685, 0.2001, 0.2404



2.0459, 0.2036, 0.2528

Previews

White Background



This preview shows how the Yxy color 76.0592, 0.3370, 0.3384 looks on a white background.

Color Contrast Check

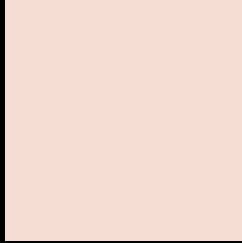
Large Text (above 18pt) WCAG AA × Fail

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 76.0592, 0.3370, 0.3384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

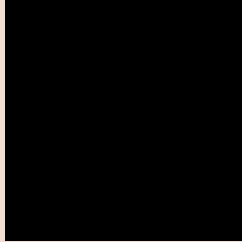
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

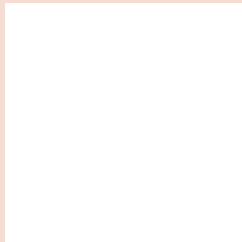
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0592, 0.3370, 0.3384

Background



This preview shows how black text looks on a background with the Yxy color 76.0592, 0.3370, 0.3384.

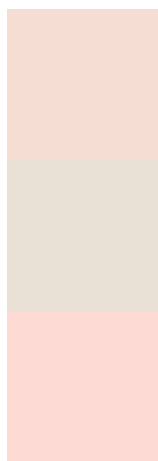


This preview shows how white text looks on a background with the Yxy color 76.0592, 0.3370, 0.3384.

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

76.0592, 0.3370, 0.3384

Protanopia

76.0291, 0.3256, 0.3407

Deuteranopia

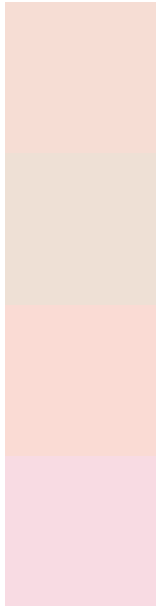
75.7789, 0.3426, 0.3352



Tritanopia

76.2807, 0.3236, 0.3119

Trichromacy



Original Color

76.0592, 0.3370, 0.3384

Protanomaly

76.2925, 0.3300, 0.3406

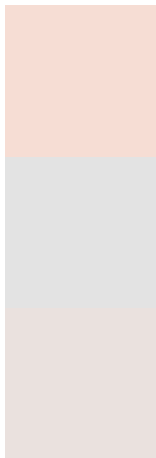
Deuteranomaly

75.7405, 0.3402, 0.3363

Tritanomaly

76.1655, 0.3283, 0.3209

Monochromacy



Original Color

76.0592, 0.3370, 0.3384

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.6168, 0.3210, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0592, 0.3370, 0.3384 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(246, 221, 212)` looks like.

```
.text, #text, p{  
    color:rgb(246, 221, 212)  
}
```

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(246, 221, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 221, 212) }
```

Border

The CSS property to change the border of an element to Yxy 76.0592, 0.3370, 0.3384 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(246, 221, 212) }
```

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

```
.border{ border-color:rgb(246, 221, 212) }
```

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

Here you see how a box with a 4 pixel rgb(246, 221, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 221, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 221, 212);  
box-shadow:4px 4px 4px 4px rgb(246, 221,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0592, 0.3370, 0.3384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 221, 212) }
```

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

```
.background{ background-color: rgb(246,  
221, 212) }
```

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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