

Converting Colors

$Y_{xy}(78.7256, 0.3441, 0.3259)$

Have a look what the booklet for
Yxy(78.7256, 0.3441, 0.3259)
contains.

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Color

Yxy(76.6767, 0.3370, 0.3251)

Conversions

Conversions Part 1

Format	Color
Hex	FFDADE
RGB	255, 218, 222
RGB Percent	100%, 85%, 87%
CMY	0.0001, 0.1450, 0.1295
CMYK	0.00, 0.14, 0.13, 0.00
HSL	354°, 100%, 93%
HSV	354°, 14%, 100%
XYZ	79.4834, 76.6767, 79.6957
YIQ	229.5190, 20.7680, 9.0880

Conversions

Conversions Part 2

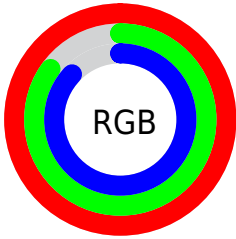
Format	Color
R _Y B	255, 218, 222
Decimal	16767710
CIE Lab	90.17, 13.43, 2.81
CIE LCh	90, 13.718, 11.840
Yxy	76.6767, 0.3370, 0.3251
Android (android.graphics.Color)	4294957790 (0xFFFFDADE)
YUV	229.5190, -3.7069, 22.3468
Hunter-Lab	87.5652, 8.7862, 7.3341

Details

The Yxy color **76.6767, 0.3370, 0.3251** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.3737, 0.2927, 0.3330**, and the grayscale version is **78.7719, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9902, 0.3427, 0.3239** is the 20% darker color. If you saturate the color by 10%, you get **63.3167, 0.3589, 0.3222**, and if you desaturate by 10%, it is **92.2425, 0.3194, 0.3278**.

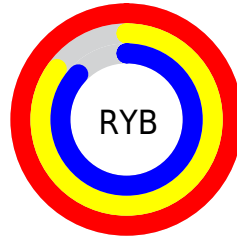
Distribution



Red (100%)

Green (85%)

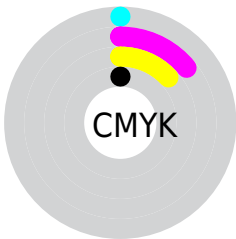
Blue (87%)



Red (100%)

Yellow (85%)

Blue (87%)

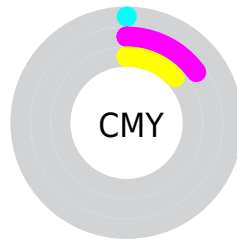


Cyan (0%)

Magenta (14%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.6767, 0.3370, 0.3251 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 76.6767, 0.3370, 0.3251 by changing the saturation by 10% instead.


 76.6767, 0.3370,
0.3251

 76.6767, 0.3370,
0.3251


483.6610, 0.3258,
0.3270

 56.9876, 0.3395,
0.3247


128.6830, 0.3331,
0.3258

 40.9953, 0.3427,
0.3241


161.7690, 0.3316,
0.3260

 28.3154, 0.3466,
0.3234


200.0893, 0.3303,
0.3262

 18.5635, 0.3518,
0.3224

244.0285, 0.3292,
0.3264

 11.3553, 0.3589,
0.3211

293.9709, 0.3282,
0.3266

 6.3064, 0.3690,
0.3191

350.3008, 0.3273,

 3.0323, 0.3847,

0.3267

0.3159

413.4027, 0.3265,
0.3269

■ 1.1486, 0.4124,
0.3097

■ 0.0191, 0.9477,
0.0523

■ 76.6767, 0.3370,
0.3251

■ 76.6767, 0.3370,
0.3251

■ 63.3167, 0.3589,
0.3222

■ 92.2425, 0.3194,
0.3278

■ 52.0530, 0.3861,
0.3193

99.9937, 0.3127,
0.3290

■ 42.7822, 0.4192,
0.3166

■ 35.3880, 0.4584,
0.3146

■ 29.7422, 0.5024,
0.3136

■ 25.7003, 0.5478,
0.3144

■ 23.0948, 0.5888,
0.3173

■ 21.7208, 0.6191,
0.3220

■ 21.3339, 0.6301,
0.3245

Harmonies

Analogous

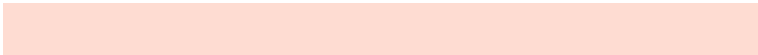
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6767, 0.3230, 0.3124



76.6767, 0.3370, 0.3251



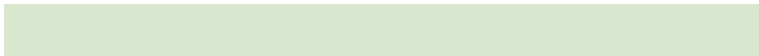
76.6767, 0.3444, 0.3391

Triad

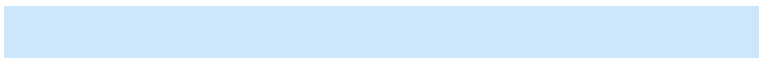
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6767, 0.3370, 0.3251



76.6767, 0.3182, 0.3557



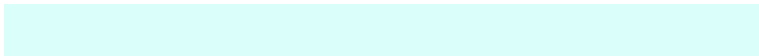
76.6767, 0.2832, 0.3065

Complementary

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



76.6767, 0.3370, 0.3251



93.3737, 0.2927, 0.3330

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.



76.6767, 0.2821, 0.3176



76.6767, 0.3370, 0.3251



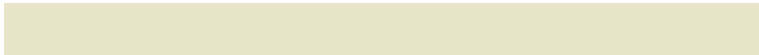
76.6767, 0.3020, 0.3465

Square

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



76.6767, 0.3370, 0.3251



76.6767, 0.3333, 0.3572



76.6767, 0.2889, 0.3323



76.6767, 0.2921, 0.3017

Rectangle

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



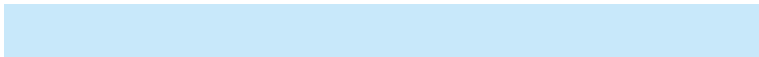
76.6767, 0.3370, 0.3251



76.6767, 0.3444, 0.3474



76.6767, 0.2889, 0.3323



76.6767, 0.2820, 0.3096

Sweetspot

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



76.6801, 0.3370, 0.3251



93.0909, 0.3187, 0.3280



77.8175, 0.3114, 0.2927



19.6560, 0.3198, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

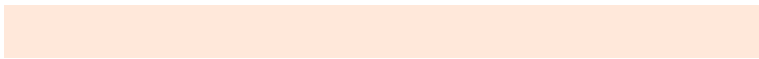
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.6801, 0.3370, 0.3251



73.1446, 0.3421, 0.3244



84.1336, 0.3377, 0.3432



18.0186, 0.3278, 0.3265



11.1609, 0.6278, 0.3232



1.0966, 0.6055, 0.3109

Inverse Universe

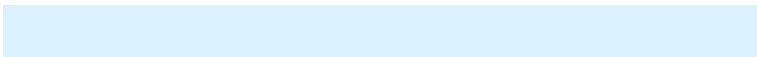
The Inverse Universe completely reimagines the original color for something new.



76.6801, 0.3370, 0.3251



73.1446, 0.3421, 0.3244



84.9215, 0.2901, 0.3144



18.0186, 0.3278, 0.3265



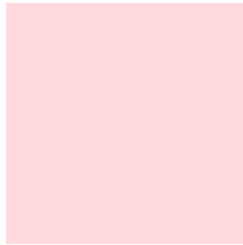
11.1609, 0.6278, 0.3232



1.0966, 0.6055, 0.3109

Previews

White Background



This preview shows how the Yxy color 76.6767, 0.3370, 0.3251 looks on a white background.

Color Contrast Check

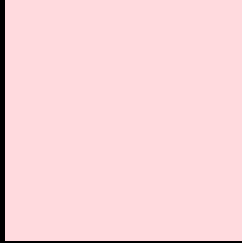
Large Text (above 18pt) WCAG AA × Fail

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 76.6767, 0.3370, 0.3251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

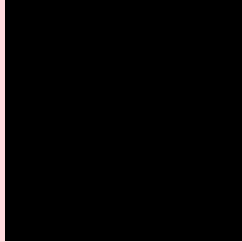
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

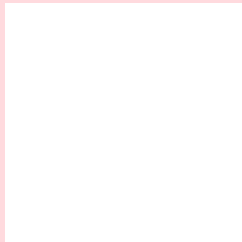
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6767, 0.3370, 0.3251

Background



This preview shows how black text looks on a background with the Yxy color 76.6767, 0.3370, 0.3251.



This preview shows how white text looks on a background with the Yxy color 76.6767, 0.3370, 0.3251.

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

76.6767, 0.3370, 0.3251

Protanopia

76.8726, 0.3162, 0.3290

Deuteranopia

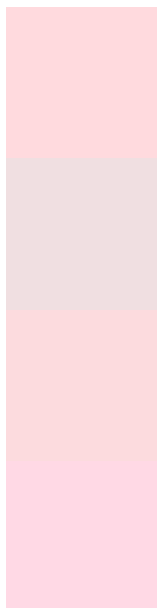
76.9696, 0.3338, 0.3270



Tritanopia

76.7689, 0.3294, 0.3131

Trichromacy



Original Color

76.6767, 0.3370, 0.3251

Protanomaly

76.7369, 0.3235, 0.3270

Deuteranomaly

76.6324, 0.3347, 0.3260

Tritanomaly

76.5429, 0.3322, 0.3171

Monochromacy



Original Color

76.6767, 0.3370, 0.3251

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.2895, 0.3212, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6767, 0.3370, 0.3251 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, 218, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 222)  
}
```

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, 218, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 222) }
```

Border

The CSS property to change the border of an element to Yxy 76.6767, 0.3370, 0.3251 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, 218, 222) }
```

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

```
.border{ border-color:rgb(255, 218, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 222); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 222); box-shadow:4px 4px 4px 4px rgb(255, 218, 222) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6767, 0.3370, 0.3251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 222) }
```

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

```
.background{ background-color: rgb(255,  
218, 222) }
```

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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