

Converting Colors

$Y_{xy}(109.2106, 0.4243, 0.3242)$

Have a look what the booklet for
Yxy(109.2106, 0.4243, 0.3242)
contains.

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Color

Yxy(76.8391, 0.3349, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAE1
RGB	255, 218, 225
RGB Percent	100%, 85%, 88%
CMY	0.0000, 0.1452, 0.1175
CMYK	0.00, 0.15, 0.12, 0.00
HSL	349°, 100%, 93%
HSV	349°, 15%, 100%
XYZ	79.9174, 76.8391, 81.8742
YIQ	229.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

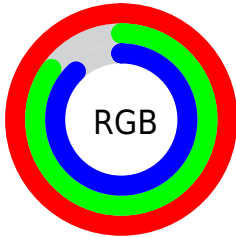
Format	Color
R _Y B	255, 218, 225
Decimal	16767713
CIE Lab	90.25, 13.96, 1.32
CIE LCh	90, 14.021, 5.386
Yxy	76.8391, 0.3349, 0.3220
Android (android.graphics.Color)	4294957793 (0xFFFFDAE1)
YUV	229.8610, -2.3965, 22.0469
Hunter-Lab	87.6579, 9.3365, 5.9825

Details

The Yxy color **76.8391, 0.3349, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **93.1980, 0.2943, 0.3361**, and the grayscale version is **79.0252, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1024, 0.3399, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **63.5514, 0.3547, 0.3168**, and if you desaturate by 10%, it is **92.2869, 0.3189, 0.3269**.

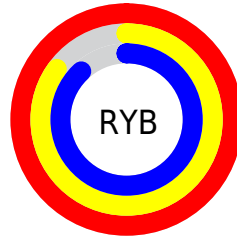
Distribution



Red (100%)

Green (85%)

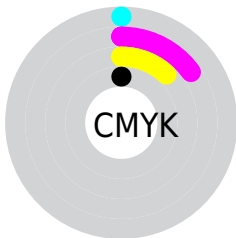
Blue (88%)



Red (100%)

Yellow (85%)

Blue (88%)

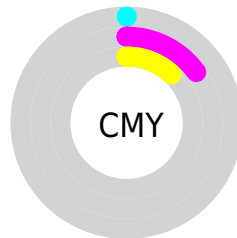


Cyan (0%)

Magenta (15%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.8391, 0.3349, 0.3220 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 76.8391, 0.3349, 0.3220 by changing the saturation by 10% instead.


 76.8391, 0.3349,
0.3220

 76.8391, 0.3349,
0.3220


484.2153, 0.3247,
0.3253

 57.1208, 0.3372,
0.3213


128.9123, 0.3314,
0.3231

 41.1023, 0.3401,
0.3203


162.0361, 0.3300,
0.3236

 28.3990, 0.3437,
0.3192


200.3971, 0.3288,
0.3240

 18.6266, 0.3484,
0.3176


244.3798, 0.3278,
0.3243

 11.4008, 0.3547,
0.3155

294.3686, 0.3269,
0.3246

 6.3371, 0.3639,
0.3125

350.7478, 0.3261,

 3.0511, 0.3780,

0.3248

0.3077

413.9019, 0.3254,
0.3251

■ 1.1585, 0.4030,
0.2990

■ 0.0274, 0.9305,
0.0695

■ 76.8391, 0.3349,
0.3220

■ 76.8391, 0.3349,
0.3220

■ 63.5514, 0.3547,
0.3168

■ 92.2869, 0.3189,
0.3269

■ 52.3422, 0.3791,
0.3116

100.0000, 0.3127,
0.3290

■ 43.1011, 0.4088,
0.3067

■ 35.7140, 0.4440,
0.3026

■ 30.0548, 0.4840,
0.3003

■ 25.9815, 0.5262,
0.3006

■ 23.3298, 0.5666,
0.3043

■ 21.8984, 0.5999,
0.3112

■ 21.4778, 0.6139,
0.3156

Harmonies

Analogous

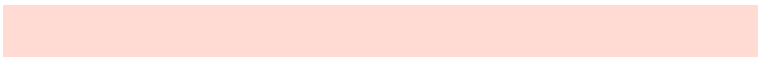
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.8391, 0.3197, 0.3098



76.8391, 0.3349, 0.3220



76.8391, 0.3442, 0.3363

Triad

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



76.8391, 0.3349, 0.3220



76.8391, 0.3219, 0.3574



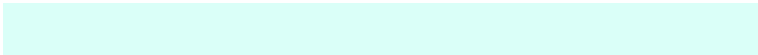
76.8391, 0.2817, 0.3080

Complementary

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



76.8391, 0.3349, 0.3220



93.1980, 0.2943, 0.3361

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.



76.8391, 0.2823, 0.3204



76.8391, 0.3349, 0.3220



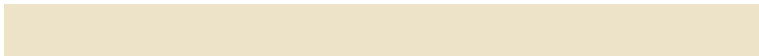
76.8391, 0.3052, 0.3495

Square

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



76.8391, 0.3349, 0.3220



76.8391, 0.3365, 0.3571



76.8391, 0.2908, 0.3357



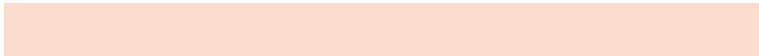
76.8391, 0.2891, 0.3016

Rectangle

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



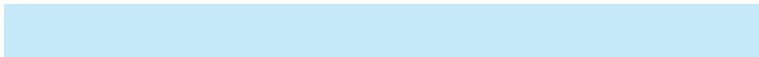
76.8391, 0.3349, 0.3220



76.8391, 0.3455, 0.3452



76.8391, 0.2908, 0.3357



76.8391, 0.2810, 0.3116

Sweetspot

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



76.8338, 0.3349, 0.3220



93.1433, 0.3181, 0.3271



77.2389, 0.3093, 0.2924



19.6692, 0.3192, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

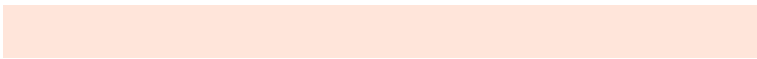
The Same Dimension uses a secret algorithm to generate beautiful new colors.



76.8338, 0.3349, 0.3220



73.3342, 0.3394, 0.3207



82.4101, 0.3382, 0.3402



18.0435, 0.3264, 0.3245



11.2386, 0.6105, 0.3137



1.1085, 0.5812, 0.2975

Inverse Universe

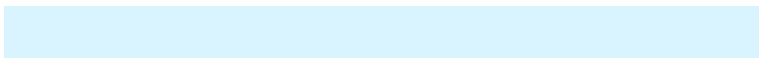
The Inverse Universe completely reimagines the original color for something new.



76.8338, 0.3349, 0.3220



73.3342, 0.3394, 0.3207



86.7622, 0.2902, 0.3176



18.0435, 0.3264, 0.3245



11.2386, 0.6105, 0.3137



1.1085, 0.5812, 0.2975

Previews

White Background



This preview shows how the Yxy color 76.8391, 0.3349, 0.3220 looks on a white background.

Color Contrast Check

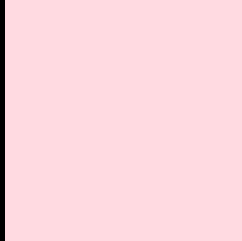
Large Text (above 18pt) WCAG AA × Fail

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 76.8391, 0.3349, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

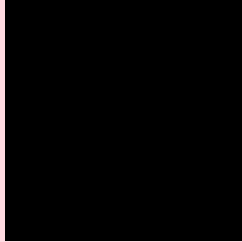
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.8391, 0.3349, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 76.8391, 0.3349, 0.3220.

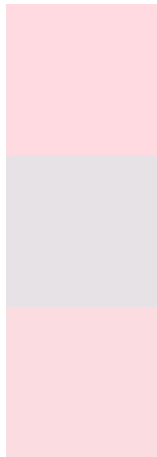


This preview shows how white text looks on a background with the Yxy color 76.8391, 0.3349, 0.3220.

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

76.8391, 0.3349, 0.3220

Protanopia

76.9289, 0.3129, 0.3248

Deuteranopia

76.9466, 0.3310, 0.3240



Tritanopia

76.7689, 0.3294, 0.3131

Trichromacy



Original Color

76.8391, 0.3349, 0.3220

Protanomaly

76.7275, 0.3207, 0.3239

Deuteranomaly

76.7947, 0.3326, 0.3230

Tritanomaly

76.5989, 0.3315, 0.3161

Monochromacy



Original Color

76.8391, 0.3349, 0.3220

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.3449, 0.3205, 0.3270

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8391, 0.3349, 0.3220 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 225) }
```

Border

The CSS property to change the border of an element to Yxy 76.8391, 0.3349, 0.3220 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, 225) }
```

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

```
.border{ border-color:rgb(255, 218, 225) }
```

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, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8391, 0.3349, 0.3220 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, 225) }
```

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

```
.background{ background-color: rgb(255,  
218, 225) }
```

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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