

Converting Colors

Yxy(82.7166, 0.3859, 0.3133)

Have a look what the booklet for
Yxy(82.7166, 0.3859, 0.3133)
contains.

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Color

Yxy(69.2458, 0.3391, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBDE
RGB	255, 203, 222
RGB Percent	100%, 80%, 87%
CMY	0.0000, 0.2040, 0.1294
CMYK	0.00, 0.20, 0.13, 0.00
HSL	338°, 100%, 90%
HSV	338°, 20%, 100%
XYZ	75.7949, 69.2458, 78.4771
YIQ	220.7140, 24.8930, 16.9330

Conversions

Conversions Part 2

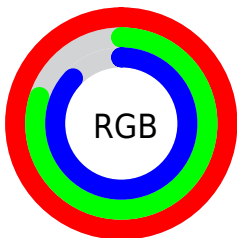
Format	Color
R _Y B	255, 203, 222
Decimal	16763870
CIE Lab	86.63, 21.31, -2.38
CIE LCh	87, 21.445, 353.635
Yxy	69.2458, 0.3391, 0.3098
Android (android.graphics.Color)	4294953950 (0xFFFFCBDE)
YUV	220.7140, 0.6340, 30.0688
Hunter-Lab	83.2141, 16.9607, 2.3349

Details

The Yxy color **69.2458, 0.3391, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.2697, 0.2921, 0.3491**, and the grayscale version is **72.0704, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2907, 0.3455, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **57.3439, 0.3564, 0.2998**, and if you desaturate by 10%, it is **83.1977, 0.3248, 0.3195**.

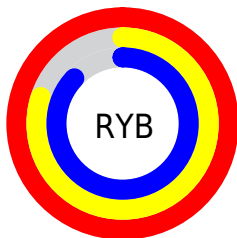
Distribution



Red (100%)

Green (80%)

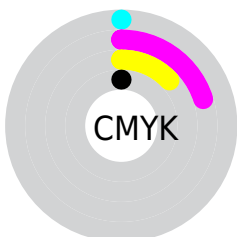
Blue (87%)



Red (100%)

Yellow (80%)

Blue (87%)

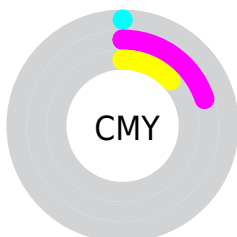


Cyan (0%)

Magenta (20%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2458, 0.3391, 0.3098 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 69.2458, 0.3391, 0.3098 by changing the saturation by 10% instead.


 69.2458, 0.3391,
0.3098

 69.2458, 0.3391,
0.3098


457.8974, 0.3268,
0.3187

 50.9119, 0.3419,
0.3078

118.1326, 0.3348,
0.3129

 36.1385, 0.3454,
0.3053


149.4543, 0.3332,
0.3141

 24.5412, 0.3499,
0.3021


185.8740, 0.3317,
0.3151

 15.7356, 0.3557,
0.2980

227.7762, 0.3305,
0.3160

 9.3372, 0.3637,
0.2923

275.5453, 0.3294,
0.3168

 4.9618, 0.3754,
0.2842


329.5655, 0.3285,


 2.2249, 0.3940,


0.3175


0.2714


390.2215, 0.3276,
0.3181


 0.7335, 0.4290,
0.2466


 0.0000, 1.0000,
0.0000

 69.2458, 0.3391,
0.3098


 69.2458, 0.3391,
0.3098

 57.3439, 0.3564,
0.2998


 83.1977, 0.3248,
0.3195

 47.4138, 0.3774,
0.2899

99.3128, 0.3131,
0.3287

 39.3413, 0.4023,
0.2808

100.0000, 0.3127,
0.3290

 33.0086, 0.4310,
0.2735

■ 28.2846, 0.4628,
0.2693

■ 25.0188, 0.4961,
0.2694

■ 23.0323, 0.5285,
0.2746

■ 22.0542, 0.5566,
0.2840

Harmonies

Analogous

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



69.2458, 0.3129, 0.2935



69.2458, 0.3391, 0.3098



69.2458, 0.3585, 0.3311

Triad

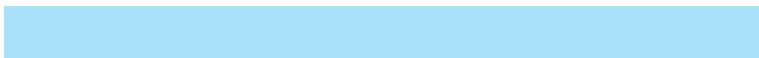
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.2458, 0.3391, 0.3098



69.2458, 0.3368, 0.3758



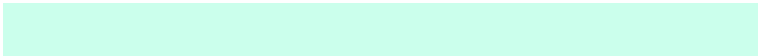
69.2458, 0.2630, 0.3021

Complementary

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



69.2458, 0.3391, 0.3098



90.2697, 0.2921, 0.3491

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.



69.2458, 0.2689, 0.3242



69.2458, 0.3391, 0.3098



69.2458, 0.3108, 0.3685

Square

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



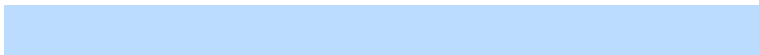
69.2458, 0.3391, 0.3098



69.2458, 0.3568, 0.3694



69.2458, 0.2861, 0.3490



69.2458, 0.2698, 0.2885

Rectangle

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



69.2458, 0.3391, 0.3098



69.2458, 0.3645, 0.3458



69.2458, 0.2861, 0.3490



69.2458, 0.2636, 0.3087

Sweetspot

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



69.2388, 0.3391, 0.3098



90.0142, 0.3194, 0.3236



67.7454, 0.3013, 0.2759



19.0443, 0.3201, 0.3230



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.



69.2388, 0.3391, 0.3098



64.7214, 0.3449, 0.3062



71.6250, 0.3523, 0.3362



18.0968, 0.3237, 0.3203



11.5499, 0.5522, 0.2816



1.1447, 0.5211, 0.2644

Inverse Universe

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



69.2388, 0.3391, 0.3098



64.7214, 0.3449, 0.3062



87.0890, 0.2817, 0.3217



18.0968, 0.3237, 0.3203



11.5499, 0.5522, 0.2816



1.1447, 0.5211, 0.2644

Previews

White Background



This preview shows how the Yxy color 69.2458, 0.3391, 0.3098 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 69.2458, 0.3391, 0.3098 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 69.2458, 0.3391, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 69.2458, 0.3391, 0.3098.



This preview shows how white text looks on a background with the Yxy color 69.2458, 0.3391, 0.3098.

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

69.2458, 0.3391, 0.3098

Protanopia

69.5766, 0.3042, 0.3137

Deuteranopia

69.1465, 0.3245, 0.3174



Tritanopia

69.0863, 0.3413, 0.3128

Trichromacy



Original Color

69.2458, 0.3391, 0.3098

Protanomaly

69.1235, 0.3165, 0.3120

Deuteranomaly

68.9008, 0.3301, 0.3144

Tritanomaly

69.1392, 0.3406, 0.3118

Monochromacy



Original Color

69.2458, 0.3391, 0.3098

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.6372, 0.3219, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2458, 0.3391, 0.3098 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, 203, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 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, 203, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 222) }
```

Border

The CSS property to change the border of an element to Yxy 69.2458, 0.3391, 0.3098 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, 203, 222) }
```

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

```
.border{ border-color:rgb(255, 203, 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, 203, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2458, 0.3391, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 222) }
```

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

```
.background{ background-color: rgb(255,  
203, 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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