

Converting Colors

Yxy(69.8099, 0.3377, 0.3092)

Have a look what the booklet for
Yxy(69.8099, 0.3377, 0.3092)
contains.

Yxy(69.8275, 0.3374, 0.3088)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.8275, 0.3374, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	FFCCE0
RGB	255, 204, 224
RGB Percent	100%, 80%, 88%
CMY	0.0000, 0.2000, 0.1214
CMYK	0.00, 0.20, 0.12, 0.00
HSL	336°, 100%, 90%
HSV	336°, 20%, 100%
XYZ	76.2947, 69.8275, 80.0031
YIQ	221.5290, 23.9760, 17.0320

Conversions

Conversions Part 2

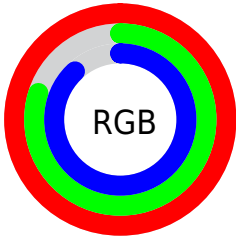
Format	Color
R _Y B	255, 204, 224
Decimal	16764128
CIE Lab	86.91, 21.09, -3.04
CIE LCh	87, 21.312, 351.804
Yxy	69.8275, 0.3374, 0.3088
Android (android.graphics.Color)	4294954208 (0xFFFFCCE0)
YUV	221.5290, 1.2182, 29.3541
Hunter-Lab	83.5629, 16.7394, 1.7297

Details

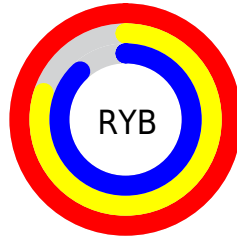
The Yxy color **69.8275, 0.3374, 0.3088** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.3528, 0.2932, 0.3502**, and the grayscale version is **72.6769, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.6830, 0.3433, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **57.8804, 0.3539, 0.2981**, and if you desaturate by 10%, it is **83.8366, 0.3238, 0.3192**.

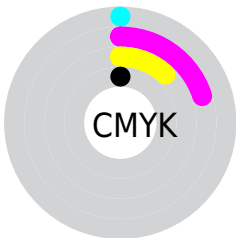
Distribution



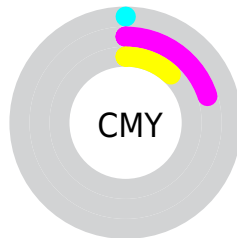
- Red (100%)
- Green (80%)
- Blue (88%)



- Red (100%)
- Yellow (80%)
- Blue (88%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8275, 0.3374, 0.3088 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 69.8275, 0.3374, 0.3088 by changing the saturation by 10% instead.


 69.8275, 0.3374,
0.3088

 69.8275, 0.3374,
0.3088


459.9441, 0.3260,
0.3181

 51.3859, 0.3400,
0.3067

118.9627, 0.3334,
0.3120

 36.5158, 0.3433,
0.3041


150.4252, 0.3319,
0.3133

 24.8328, 0.3474,
0.3008


186.9967, 0.3305,
0.3144

 15.9526, 0.3528,
0.2965

229.0616, 0.3294,
0.3153

 9.4906, 0.3602,
0.2906

277.0045, 0.3284,
0.3161

 5.0625, 0.3709,
0.2823


331.2096, 0.3275,


 2.2840, 0.3879,

0.3169


0.2693


392.0613, 0.3267,
0.3175

 0.7652, 0.4193,
0.2451


 0.0000, 1.0000,
0.0000

 69.8275, 0.3374,
0.3088


 69.8275, 0.3374,
0.3088

 57.8804, 0.3539,
0.2981

 83.8366, 0.3238,
0.3192

 47.8951, 0.3737,
0.2875

99.9979, 0.3127,
0.3290

 39.7655, 0.3972,
0.2776

100.0000, 0.3127,
0.3290

 33.3748, 0.4242,
0.2696

■ 28.5927, 0.4543,
0.2646

■ 25.2702, 0.4859,
0.2639

■ 23.2300, 0.5171,
0.2685

■ 22.1839, 0.5456,
0.2779

Harmonies

Analogous

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



69.8275, 0.3113, 0.2931



69.8275, 0.3374, 0.3088



69.8275, 0.3572, 0.3297

Triad

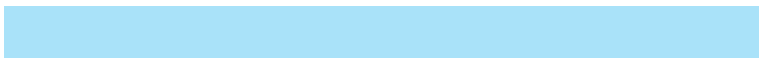
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.8275, 0.3374, 0.3088



69.8275, 0.3380, 0.3754



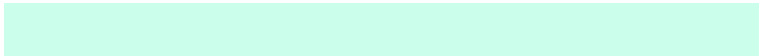
69.8275, 0.2635, 0.3034

Complementary

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



69.8275, 0.3374, 0.3088



90.3528, 0.2932, 0.3502

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.



69.8275, 0.2700, 0.3257



69.8275, 0.3374, 0.3088



69.8275, 0.3124, 0.3689

Square

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



69.8275, 0.3374, 0.3088



69.8275, 0.3573, 0.3683



69.8275, 0.2876, 0.3503



69.8275, 0.2694, 0.2893

Rectangle

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



69.8275, 0.3374, 0.3088



69.8275, 0.3637, 0.3444



69.8275, 0.2876, 0.3503



69.8275, 0.2643, 0.3102

Sweetspot

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



69.8280, 0.3374, 0.3088



90.0398, 0.3191, 0.3232



67.9982, 0.3004, 0.2769



19.0504, 0.3199, 0.3225



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.



69.8280, 0.3374, 0.3088



64.8085, 0.3436, 0.3045



71.2681, 0.3517, 0.3343



18.1053, 0.3232, 0.3197



11.6188, 0.5413, 0.2756



1.1520, 0.5109, 0.2588

Inverse Universe

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



69.8280, 0.3374, 0.3088



64.8085, 0.3436, 0.3045



88.3658, 0.2824, 0.3236



18.1053, 0.3232, 0.3197



11.6188, 0.5413, 0.2756



1.1520, 0.5109, 0.2588

Previews

White Background



This preview shows how the Yxy color 69.8275, 0.3374, 0.3088 looks on a white background.

Color Contrast Check

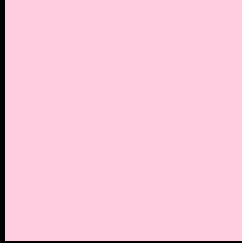
Large Text (above 18pt) WCAG AA × Fail

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 69.8275, 0.3374, 0.3088 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 69.8275, 0.3374, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 69.8275, 0.3374, 0.3088.

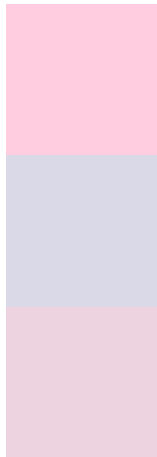


This preview shows how white text looks on a background with the Yxy color 69.8275, 0.3374, 0.3088.

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

69.8275, 0.3374, 0.3088

Protanopia

70.3573, 0.3036, 0.3127

Deuteranopia

69.9208, 0.3237, 0.3164



Tritanopia

70.0900, 0.3403, 0.3139

Trichromacy



Original Color

69.8275, 0.3374, 0.3088

Protanomaly

69.7330, 0.3150, 0.3110

Deuteranomaly

69.6726, 0.3293, 0.3135

Tritanomaly

70.1431, 0.3395, 0.3129

Monochromacy



Original Color

69.8275, 0.3374, 0.3088

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.4210, 0.3211, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8275, 0.3374, 0.3088 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, 204, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 224)  
}
```

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, 204, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 224) }
```

Border

The CSS property to change the border of an element to Yxy 69.8275, 0.3374, 0.3088 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, 204, 224) }
```

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

```
.border{ border-color:rgb(255, 204, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8275, 0.3374, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 224) }
```

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

```
.background{ background-color: rgb(255,  
204, 224) }
```

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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