

Converting Colors

$Y_{xy}(74.1431, 0.3617, 0.3073)$

Have a look what the booklet for
Yxy(74.1431, 0.3617, 0.3073)
contains.

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Color

Yxy(67.8963, 0.3387, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8DF
RGB	255, 200, 223
RGB Percent	100%, 78%, 87%
CMY	0.0001, 0.2156, 0.1256
CMYK	0.00, 0.22, 0.13, 0.00
HSL	335°, 100%, 89%
HSV	335°, 22%, 100%
XYZ	75.2010, 67.8963, 78.9311
YIQ	219.0670, 25.3970, 18.8130

Conversions

Conversions Part 2

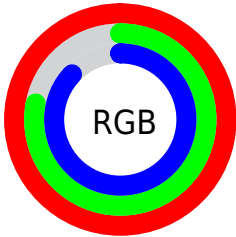
Format	Color
R _Y B	255, 200, 223
Decimal	16763103
CIE Lab	85.95, 22.99, -3.88
CIE LCh	86, 23.316, 350.422
Yxy	67.8963, 0.3387, 0.3058
Android (android.graphics.Color)	4294953183 (0xFFFFC8DF)
YUV	219.0670, 1.9390, 31.5132
Hunter-Lab	82.3992, 18.7081, 0.8849

Details

The Yxy color **67.8963, 0.3387, 0.3058** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.6095, 0.2925, 0.3535**, and the grayscale version is **70.8600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3907, 0.3451, 0.3005** is the 20% darker color. If you saturate the color by 10%, you get **56.2899, 0.3550, 0.2944**, and if you desaturate by 10%, it is **81.5484, 0.3253, 0.3169**.

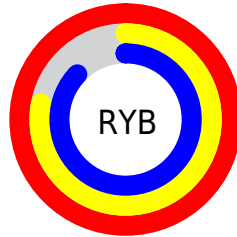
Distribution



Red (100%)

Green (78%)

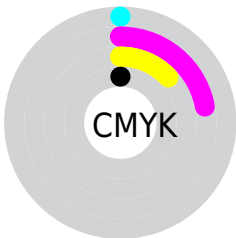
Blue (87%)



Red (100%)

Yellow (78%)

Blue (87%)

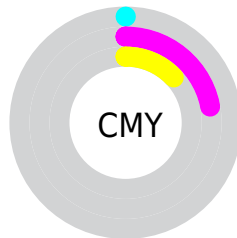


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8963, 0.3387, 0.3058 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 67.8963, 0.3387, 0.3058 by changing the saturation by 10% instead.


 67.8963, 0.3387,
0.3058

 67.8963, 0.3387,
0.3058


453.1285, 0.3266,
0.3165

 49.8134, 0.3415,
0.3034


116.2038, 0.3345,
0.3095

 35.2651, 0.3449,
0.3004


147.1971, 0.3329,
0.3110

 23.8672, 0.3493,
0.2966


183.2627, 0.3315,
0.3122

 15.2351, 0.3551,
0.2916

224.7850, 0.3302,
0.3133

 8.9846, 0.3630,
0.2848

272.1483, 0.3292,
0.3142

 4.7311, 0.3745,
0.2751

325.7371, 0.3282,

 2.0904, 0.3927,

0.3151

0.2600

385.9357, 0.3274,
0.3158

0.6592, 0.4288,
0.2284

0.0000, 1.0000,
0.0000

67.8963, 0.3387,
0.3058

67.8963, 0.3387,
0.3058

56.2899, 0.3550,
0.2944

81.5484, 0.3253,
0.3169

46.6206, 0.3744,
0.2832

97.3295, 0.3142,
0.3274

38.7838, 0.3973,
0.2729

99.9939, 0.3127,
0.3290

32.6610, 0.4235,
0.2647

■ 28.1198, 0.4524,
0.2597

■ 25.0081, 0.4826,
0.2593

■ 23.1431, 0.5122,
0.2644

■ 22.3045, 0.5353,
0.2723

Harmonies

Analogous

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



67.8963, 0.3097, 0.2890



67.8963, 0.3387, 0.3058



67.8963, 0.3612, 0.3285

Triad

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



67.8963, 0.3387, 0.3058



67.8963, 0.3417, 0.3803



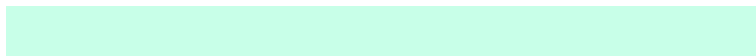
67.8963, 0.2586, 0.3016

Complementary

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



67.8963, 0.3387, 0.3058



89.6095, 0.2925, 0.3535

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.



67.8963, 0.2663, 0.3265



67.8963, 0.3387, 0.3058



67.8963, 0.3136, 0.3740

Square

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



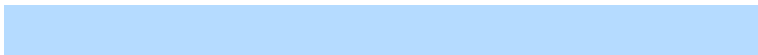
67.8963, 0.3387, 0.3058



67.8963, 0.3627, 0.3716



67.8963, 0.2861, 0.3537



67.8963, 0.2644, 0.2857

Rectangle

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



67.8963, 0.3387, 0.3058



67.8963, 0.3689, 0.3446



67.8963, 0.2861, 0.3537



67.8963, 0.2597, 0.3092

Sweetspot

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



67.8994, 0.3387, 0.3058



90.0630, 0.3189, 0.3228



65.5527, 0.2979, 0.2723



19.0559, 0.3196, 0.3221



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.



67.8994, 0.3387, 0.3058



62.5042, 0.3456, 0.3007



68.4619, 0.3558, 0.3329



18.1129, 0.3228, 0.3191



11.6861, 0.5312, 0.2700



1.1590, 0.5017, 0.2537

Inverse Universe

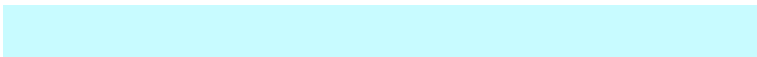
The Inverse Universe completely reimagines the original color for something new.



67.8994, 0.3387, 0.3058



62.5042, 0.3456, 0.3007



88.6855, 0.2803, 0.3251



18.1129, 0.3228, 0.3191



11.6861, 0.5312, 0.2700



1.1590, 0.5017, 0.2537

Previews

White Background



This preview shows how the Yxy color 67.8963, 0.3387, 0.3058 looks on a white background.

Color Contrast Check

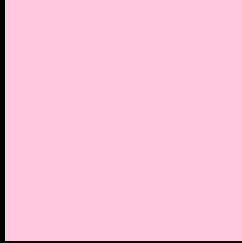
Large Text (above 18pt) WCAG AA × Fail

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 67.8963, 0.3387, 0.3058 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 67.8963, 0.3387, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 67.8963, 0.3387, 0.3058.



This preview shows how white text looks on a background with the Yxy color 67.8963, 0.3387, 0.3058.

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

67.8963, 0.3387, 0.3058

Protanopia

68.1588, 0.3014, 0.3103

Deuteranopia

68.1450, 0.3223, 0.3162



Tritanopia

67.8539, 0.3424, 0.3127

Trichromacy



Original Color

67.8963, 0.3387, 0.3058

Protanomaly

67.8604, 0.3144, 0.3087

Deuteranomaly

68.1173, 0.3279, 0.3123

Tritanomaly

67.9586, 0.3408, 0.3107

Monochromacy



Original Color

67.8963, 0.3387, 0.3058

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.4101, 0.3220, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8963, 0.3387, 0.3058 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, 200, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 223)  
}
```

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, 200, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.8963, 0.3387, 0.3058 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, 200, 223) }
```

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

```
.border{ border-color:rgb(255, 200, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 200, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 200, 223); box-shadow:4px 4px 4px 4px rgb(255, 200, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8963, 0.3387, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 223) }
```

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

```
.background{ background-color: rgb(255,  
200, 223) }
```

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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