

Converting Colors

$Y_{xy}(70.8113, 0.3300, 0.3126)$

Have a look what the booklet for
Yxy(70.8113, 0.3300, 0.3126)
contains.

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Color

Yxy(70.8113, 0.3300, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	F7D1E1
RGB	247, 209, 225
RGB Percent	97%, 82%, 88%
CMY	0.0313, 0.1804, 0.1177
CMYK	0.00, 0.15, 0.09, 0.03
HSL	335°, 70%, 89%
HSV	335°, 15%, 97%
XYZ	74.7528, 70.8113, 80.9596
YIQ	222.1860, 17.5120, 13.0320

Conversions

Conversions Part 2

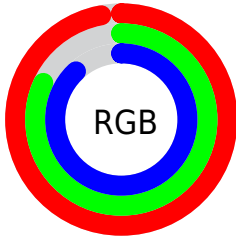
Format	Color
R_{YB}	247, 209, 225
Decimal	16241121
CIE _{Lab}	87.39, 15.87, -2.93
CIE _{LCh}	87, 16.137, 349.556
Yxy	70.8113, 0.3300, 0.3126
Android (android.graphics.Color)	4294431201 (0xFFFF7D1E1)
YUV	222.1860, 1.3873, 21.7619
Hunter-Lab	84.1495, 11.3061, 1.8621

Details

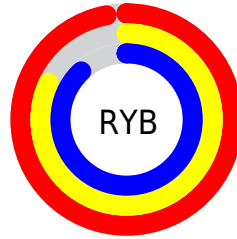
The Yxy color **70.8113, 0.3300, 0.3126** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.8584, 0.2982, 0.3460**, and the grayscale version is **73.1688, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9606, 0.3336, 0.3078** is the 20% darker color. If you saturate the color by 10%, you get **58.8700, 0.3444, 0.3013**, and if you desaturate by 10%, it is **84.7034, 0.3182, 0.3234**.

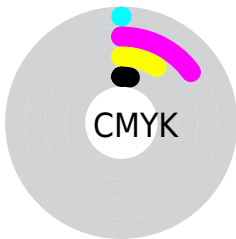
Distribution



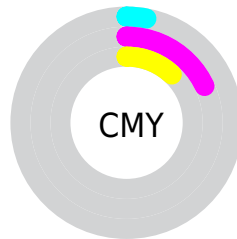
- Red (97%)
- Green (82%)
- Blue (88%)



- Red (97%)
- Yellow (82%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (9%)
- Black (3%)





- Cyan (3%)
- Magenta (18%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8113, 0.3300, 0.3126 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 70.8113, 0.3300, 0.3126 by changing the saturation by 10% instead.


 70.8113, 0.3300,
0.3126

 70.8113, 0.3300,
0.3126


463.3935, 0.3220,
0.3202

 52.1882, 0.3318,
0.3109


120.3650, 0.3272,
0.3152

 37.1551, 0.3341,
0.3088


152.0644, 0.3261,
0.3162

 25.3276, 0.3370,
0.3061


188.8914, 0.3252,
0.3171

 16.3213, 0.3407,
0.3026

231.2303, 0.3244,
0.3179

 9.7518, 0.3458,
0.2979

279.4656, 0.3237,
0.3185

 5.2347, 0.3533,
0.2911

333.9816, 0.3231,

 2.3856, 0.3650,

0.3191

0.2806

395.1628, 0.3225,
0.3197

0.8185, 0.3863,
0.2616

0.0000, 1.0000,
0.0000

70.8113, 0.3300,
0.3126

70.8113, 0.3300,
0.3126

58.8700, 0.3444,
0.3013

84.7034, 0.3182,
0.3234

48.7823, 0.3617,
0.2898

98.4284, 0.3086,
0.3303

40.4565, 0.3822,
0.2788

98.5174, 0.3078,
0.3290

33.7894, 0.4062,
0.2691

■ 28.6672, 0.4333,
0.2619

■ 24.9610, 0.4627,
0.2584

■ 22.5212, 0.4926,
0.2599

■ 21.1633, 0.5212,
0.2668

■ 20.7757, 0.5336,
0.2713

Harmonies

Analogous

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



70.8113, 0.3103, 0.3009



70.8113, 0.3300, 0.3126



70.8113, 0.3453, 0.3285

Triad

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



70.8113, 0.3300, 0.3126



70.8113, 0.3333, 0.3637



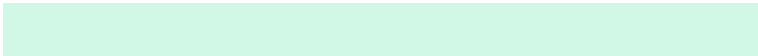
70.8113, 0.2753, 0.3111

Complementary

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



70.8113, 0.3300, 0.3126



85.8584, 0.2982, 0.3460

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.



70.8113, 0.2811, 0.3282



70.8113, 0.3300, 0.3126



70.8113, 0.3142, 0.3594

Square

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



70.8113, 0.3300, 0.3126



70.8113, 0.3471, 0.3581



70.8113, 0.2951, 0.3462



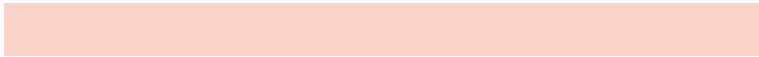
70.8113, 0.2792, 0.2996

Rectangle

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



70.8113, 0.3300, 0.3126



70.8113, 0.3507, 0.3397



70.8113, 0.2951, 0.3462



70.8113, 0.2762, 0.3163

Sweetspot

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



70.8144, 0.3300, 0.3126



91.6666, 0.3178, 0.3238



69.2305, 0.3027, 0.2894



19.3792, 0.3185, 0.3231



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

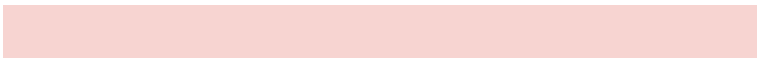
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8144, 0.3300, 0.3126



72.5345, 0.3335, 0.3097



71.2354, 0.3413, 0.3317



16.5982, 0.3227, 0.3191



11.0127, 0.5294, 0.2690



0.9880, 0.4972, 0.2512

Inverse Universe

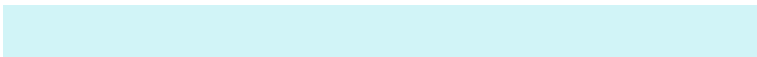
The Inverse Universe completely reimagines the original color for something new.



70.8144, 0.3300, 0.3126



72.5345, 0.3335, 0.3097



85.2645, 0.2892, 0.3263



16.5982, 0.3227, 0.3191



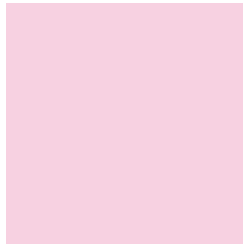
11.0127, 0.5294, 0.2690



0.9880, 0.4972, 0.2512

Previews

White Background



This preview shows how the Yxy color 70.8113, 0.3300, 0.3126 looks on a white background.

Color Contrast Check

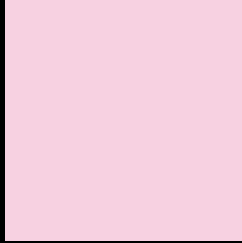
Large Text (above 18pt) WCAG AA × Fail

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 70.8113, 0.3300, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

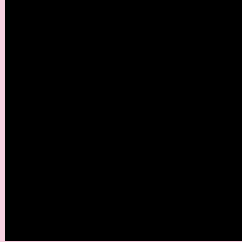
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8113, 0.3300, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 70.8113, 0.3300, 0.3126.

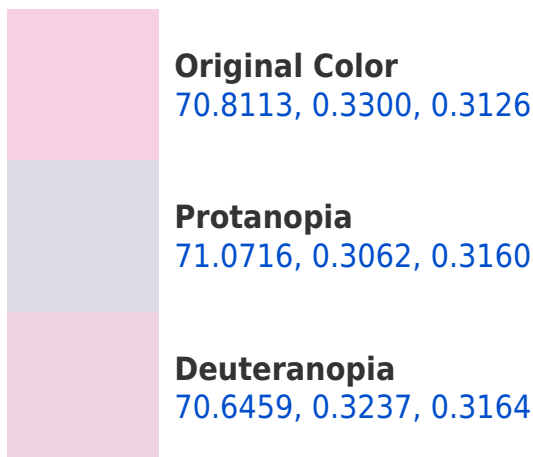


This preview shows how white text looks on a background with the Yxy color 70.8113, 0.3300, 0.3126.

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





Tritanopia

70.8113, 0.3300, 0.3126

Trichromacy



Original Color

70.8113, 0.3300, 0.3126

Protanomaly

71.0253, 0.3148, 0.3152

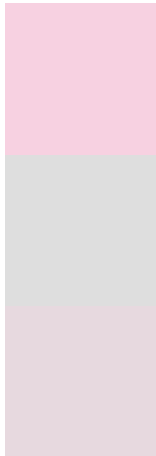
Deuteranomaly

70.6711, 0.3260, 0.3155

Tritanomaly

70.8113, 0.3300, 0.3126

Monochromacy



Original Color

70.8113, 0.3300, 0.3126

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.9423, 0.3188, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8113, 0.3300, 0.3126 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(247, 209, 225)` looks like.

```
.text, #text, p{  
    color:rgb(247, 209, 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(247, 209, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 209, 225) }
```

Border

The CSS property to change the border of an element to Yxy 70.8113, 0.3300, 0.3126 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(247, 209, 225) }
```

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

```
.border{ border-color:rgb(247, 209, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 209, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 209, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 209, 225);  
box-shadow:4px 4px 4px 4px rgb(247, 209,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8113, 0.3300, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 209, 225) }
```

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

```
.background{ background-color: rgb(247,  
209, 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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