

Converting Colors

$Yxy(70.6274, 0.3429, 0.3278)$

Have a look what the booklet for
Yxy(70.6274, 0.3429, 0.3278)
contains.

Yxy(70.5781, 0.3433, 0.3281)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.5781, 0.3433, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1D2
RGB	250, 209, 210
RGB Percent	98%, 82%, 82%
CMY	0.0197, 0.1803, 0.1766
CMYK	0.00, 0.16, 0.16, 0.02
HSL	359°, 80%, 90%
HSV	359°, 16%, 98%
XYZ	73.8478, 70.5781, 70.6857
YIQ	221.3730, 24.1150, 9.0030

Conversions

Conversions Part 2

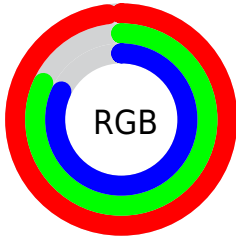
Format	Color
R _Y B	250, 209, 210
Decimal	16437714
CIE Lab	87.28, 14.49, 4.89
CIE LCh	87, 15.293, 18.659
Yxy	70.5781, 0.3433, 0.3281
Android (android.graphics.Color)	4294627794 (0xFFFAD1D2)
YUV	221.3730, -5.6069, 25.1059
Hunter-Lab	84.0108, 9.8876, 8.9216

Details

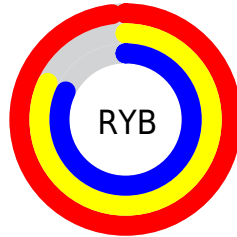
The Yxy color **70.5781, 0.3433, 0.3281** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.7538, 0.2884, 0.3299**, and the grayscale version is **72.6090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8490, 0.3504, 0.3264** is the 20% darker color. If you saturate the color by 10%, you get **58.1356, 0.3683, 0.3275**, and if you desaturate by 10%, it is **85.1370, 0.3233, 0.3287**.

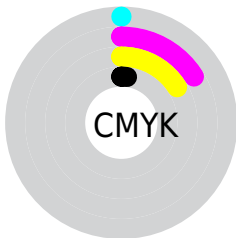
Distribution



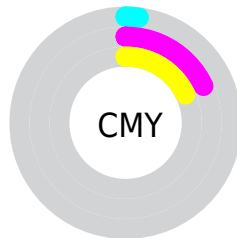
- Red (98%)
- Green (82%)
- Blue (82%)



- Red (98%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (16%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5781, 0.3433, 0.3281 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 70.5781, 0.3433, 0.3281 by changing the saturation by 10% instead.


 70.5781, 0.3433,
0.3281

 70.5781, 0.3433,
0.3281


462.5772, 0.3290,
0.3287

 51.9980, 0.3466,
0.3279


120.0328, 0.3383,
0.3283

 37.0035, 0.3507,
0.3277


151.6762, 0.3364,
0.3284

 25.2102, 0.3560,
0.3274


188.4427, 0.3347,
0.3285

 16.2337, 0.3629,
0.3269

230.7168, 0.3333,
0.3285

 9.6897, 0.3725,
0.3262

278.8830, 0.3320,
0.3286

 5.1937, 0.3865,
0.3249


333.3255, 0.3309,


 2.3614, 0.4090,


0.3286


0.3224


394.4288, 0.3299,
0.3286


 0.8059, 0.4619,
0.3233


 0.0000, 1.0000,
0.0000


 70.5781, 0.3433,
0.3281


 70.5781, 0.3433,
0.3281


 58.1356, 0.3683,
0.3275

 85.1370, 0.3233,
0.3287

 47.7021, 0.3994,
0.3270

 99.0592, 0.3096,
0.3290

 39.1752, 0.4371,
0.3265

 32.4396, 0.4810,
0.3263

■ 27.3678, 0.5287,
0.3263

■ 23.8150, 0.5749,
0.3268

■ 21.6123, 0.6120,
0.3278

■ 20.5489, 0.6339,
0.3290

■ 20.3319, 0.6384,
0.3290

Harmonies

Analogous

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



70.5781, 0.3286, 0.3130



70.5781, 0.3433, 0.3281



70.5781, 0.3496, 0.3439

Triad

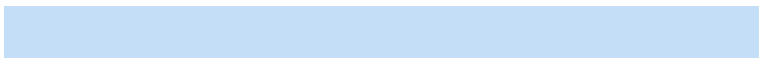
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5781, 0.3433, 0.3281



70.5781, 0.3147, 0.3581



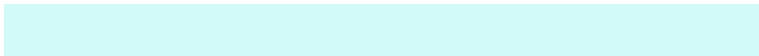
70.5781, 0.2806, 0.3013

Complementary

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



70.5781, 0.3433, 0.3281



88.7538, 0.2884, 0.3299

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.



70.5781, 0.2772, 0.3124



70.5781, 0.3433, 0.3281



70.5781, 0.2965, 0.3458

Square

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



70.5781, 0.3433, 0.3281



70.5781, 0.3327, 0.3619



70.5781, 0.2829, 0.3288



70.5781, 0.2924, 0.2977

Rectangle

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



70.5781, 0.3433, 0.3281



70.5781, 0.3481, 0.3528



70.5781, 0.2829, 0.3288



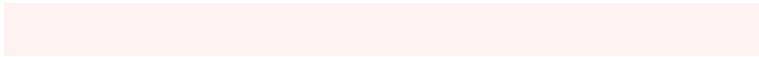
70.5781, 0.2785, 0.3042

Sweetspot

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



70.5813, 0.3433, 0.3281



91.3569, 0.3209, 0.3287



72.5787, 0.3136, 0.2882



19.3042, 0.3221, 0.3287



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.



70.5813, 0.3433, 0.3281



68.8627, 0.3518, 0.3279



80.4826, 0.3409, 0.3485



17.2318, 0.3291, 0.3285



10.7901, 0.6377, 0.3286



1.0016, 0.6318, 0.3254

Inverse Universe

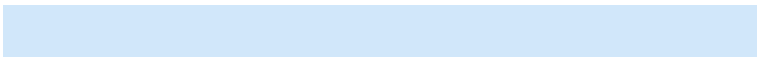
The Inverse Universe completely reimagines the original color for something new.



70.5813, 0.3433, 0.3281



68.8627, 0.3518, 0.3279



77.5330, 0.2870, 0.3086



17.2318, 0.3291, 0.3285



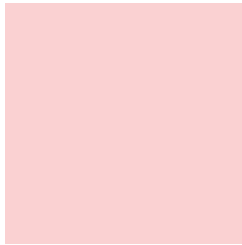
10.7901, 0.6377, 0.3286



1.0016, 0.6318, 0.3254

Previews

White Background



This preview shows how the Yxy color 70.5781, 0.3433, 0.3281 looks on a white background.

Color Contrast Check

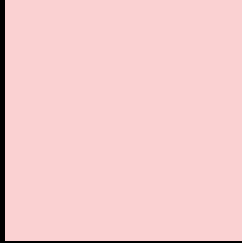
Large Text (above 18pt) WCAG AA × Fail

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 70.5781, 0.3433, 0.3281 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

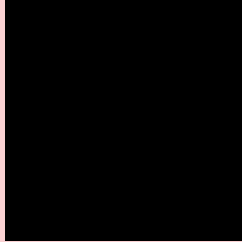
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.5781, 0.3433, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 70.5781, 0.3433, 0.3281.

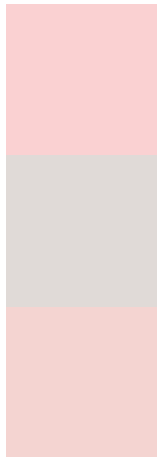


This preview shows how white text looks on a background with the Yxy color 70.5781, 0.3433, 0.3281.

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

70.5781, 0.3433, 0.3281

Protanopia

70.8964, 0.3191, 0.3323

Deuteranopia

70.9235, 0.3390, 0.3322



Tritanopia

70.6488, 0.3355, 0.3128

Trichromacy



Original Color

70.5781, 0.3433, 0.3281

Protanomaly

70.7286, 0.3274, 0.3312

Deuteranomaly

70.7848, 0.3406, 0.3312

Tritanomaly

70.6829, 0.3383, 0.3188

Monochromacy



Original Color

70.5781, 0.3433, 0.3281

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.7913, 0.3236, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5781, 0.3433, 0.3281 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(250, 209, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 210)  
}
```

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(250, 209, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 210) }
```

Border

The CSS property to change the border of an element to Yxy 70.5781, 0.3433, 0.3281 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(250, 209, 210) }
```

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

```
.border{ border-color:rgb(250, 209, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5781, 0.3433, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 210) }
```

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

```
.background{ background-color: rgb(250,  
209, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor