

Converting Colors

$Y_{xy}(70.5055, 0.3362, 0.3174)$

Have a look what the booklet for
Yxy(70.5055, 0.3362, 0.3174)
contains.

Yxy(70.5502, 0.3368, 0.3178)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.5502, 0.3368, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FAD0DB
RGB	250, 208, 219
RGB Percent	98%, 82%, 86%
CMY	0.0195, 0.1843, 0.1413
CMYK	0.00, 0.17, 0.12, 0.02
HSL	344°, 81%, 90%
HSV	344°, 17%, 98%
XYZ	74.7681, 70.5502, 76.6773
YIQ	221.8120, 21.5010, 12.3250

Conversions

Conversions Part 2

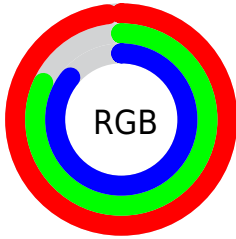
Format	Color
RYB	250, 208, 219
Decimal	16437467
CIELab	87.27, 16.45, 0.11
CIElCh	87, 16.449, 0.377
Yxy	70.5502, 0.3368, 0.3178
Android (android.graphics.Color)	4294627547 (0xFFFA0DB)
YUV	221.8120, -1.3863, 24.7209
Hunter-Lab	83.9942, 11.9035, 4.6708

Details

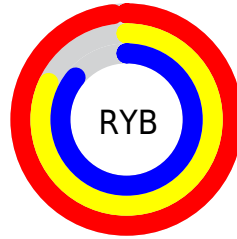
The Yxy color **70.5502, 0.3368, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.0269, 0.2932, 0.3405**, and the grayscale version is **72.9080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1290, 0.3424, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **58.3882, 0.3557, 0.3107**, and if you desaturate by 10%, it is **84.7480, 0.3215, 0.3246**.

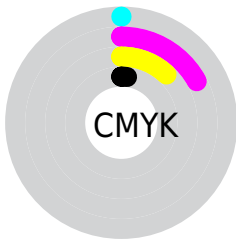
Distribution



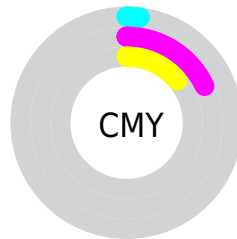
- Red (98%)
- Green (82%)
- Blue (86%)



- Red (98%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (12%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5502, 0.3368, 0.3178 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 70.5502, 0.3368, 0.3178 by changing the saturation by 10% instead.


 70.5502, 0.3368,
0.3178

 70.5502, 0.3368,
0.3178


462.4795, 0.3256,
0.3230

 51.9752, 0.3394,
0.3166


119.9930, 0.3329,
0.3196

 36.9853, 0.3426,
0.3151


151.6297, 0.3314,
0.3203

 25.1961, 0.3467,
0.3132


188.3890, 0.3301,
0.3209

 16.2232, 0.3520,
0.3107

230.6554, 0.3289,
0.3215

 9.6823, 0.3594,
0.3072

278.8132, 0.3279,
0.3219

 5.1888, 0.3702,
0.3022

333.2469, 0.3271,

 2.3585, 0.3873,

0.3223

0.2942

394.3409, 0.3263,
0.3227

0.8044, 0.4197,
0.2791

0.0000, 1.0000,
0.0000

70.5502, 0.3368,
0.3178

70.5502, 0.3368,
0.3178

58.3882, 0.3557,
0.3107

84.7480, 0.3215,
0.3246

48.1593, 0.3788,
0.3035

99.0672, 0.3096,
0.3290

39.7660, 0.4067,
0.2968

33.0985, 0.4394,
0.2914

■ 28.0351, 0.4762,
0.2882

■ 24.4384, 0.5152,
0.2884

■ 22.1470, 0.5528,
0.2929

■ 20.9582, 0.5849,
0.3015

■ 20.7124, 0.5938,
0.3045

Harmonies

Analogous

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



70.5502, 0.3176, 0.3040



70.5502, 0.3368, 0.3178



70.5502, 0.3496, 0.3347

Triad

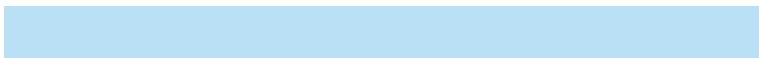
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.5502, 0.3368, 0.3178



70.5502, 0.3270, 0.3641



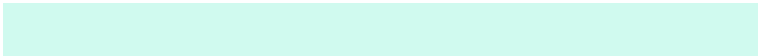
70.5502, 0.2748, 0.3056

Complementary

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



70.5502, 0.3368, 0.3178



88.0269, 0.2932, 0.3405

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.



70.5502, 0.2772, 0.3214



70.5502, 0.3368, 0.3178



70.5502, 0.3069, 0.3561

Square

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



70.5502, 0.3368, 0.3178



70.5502, 0.3436, 0.3618



70.5502, 0.2888, 0.3402



70.5502, 0.2822, 0.2967

Rectangle

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



70.5502, 0.3368, 0.3178



70.5502, 0.3525, 0.3458



70.5502, 0.2888, 0.3402



70.5502, 0.2745, 0.3103

Sweetspot

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



70.5534, 0.3368, 0.3178



91.5413, 0.3190, 0.3258



70.3344, 0.3066, 0.2862



19.3488, 0.3200, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

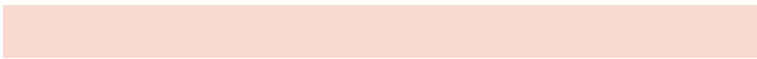
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.5534, 0.3368, 0.3178



69.4722, 0.3425, 0.3155



74.9236, 0.3433, 0.3392



17.2996, 0.3253, 0.3228



11.0047, 0.5898, 0.3023



1.0358, 0.5564, 0.2839

Inverse Universe

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



70.5534, 0.3368, 0.3178



69.4722, 0.3425, 0.3155



82.7597, 0.2868, 0.3186



17.2996, 0.3253, 0.3228



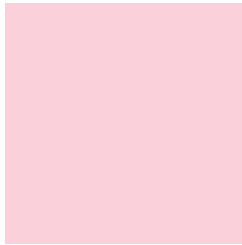
11.0047, 0.5898, 0.3023



1.0358, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 70.5502, 0.3368, 0.3178 looks on a white background.

Color Contrast Check

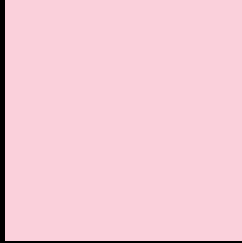
Large Text (above 18pt) WCAG AA × Fail

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 70.5502, 0.3368, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

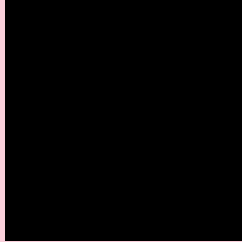
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.5502, 0.3368, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 70.5502, 0.3368, 0.3178.

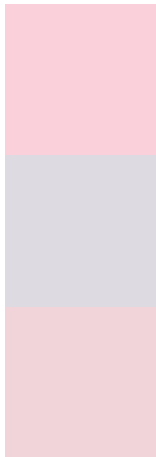


This preview shows how white text looks on a background with the Yxy color 70.5502, 0.3368, 0.3178.

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

70.5502, 0.3368, 0.3178

Protanopia

70.9512, 0.3102, 0.3214

Deuteranopia

70.6742, 0.3294, 0.3227



Tritanopia

70.4626, 0.3347, 0.3127

Trichromacy



Original Color

70.5502, 0.3368, 0.3178

Protanomaly

70.5767, 0.3198, 0.3194

Deuteranomaly

70.8836, 0.3325, 0.3218

Tritanomaly

70.4088, 0.3354, 0.3137

Monochromacy



Original Color

70.5502, 0.3368, 0.3178

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.0020, 0.3209, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5502, 0.3368, 0.3178 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, 208, 219)` looks like.

```
.text, #text, p{  
    color:rgb(250, 208, 219)  
}
```

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, 208, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 208, 219) }
```

Border

The CSS property to change the border of an element to Yxy 70.5502, 0.3368, 0.3178 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, 208, 219) }
```

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

```
.border{ border-color:rgb(250, 208, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 208, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 208, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 208, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 208,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5502, 0.3368, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 208, 219) }
```

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

```
.background{ background-color: rgb(250,  
208, 219) }
```

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