

Converting Colors

$Yxy(72.1908, 0.3311, 0.3178)$

Have a look what the booklet for
Yxy(72.1908, 0.3311, 0.3178)
contains.

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Color

Yxy(72.1888, 0.3311, 0.3177)

Conversions

Conversions Part 1

Format	Color
Hex	F7D4DF
RGB	247, 212, 223
RGB Percent	97%, 83%, 87%
CMY	0.0312, 0.1687, 0.1254
CMYK	0.00, 0.14, 0.10, 0.03
HSL	341°, 69%, 90%
HSV	341°, 14%, 97%
XYZ	75.2336, 72.1888, 79.8008
YIQ	223.7190, 17.3290, 10.8410

Conversions

Conversions Part 2

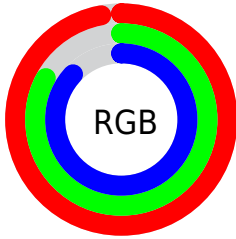
Format	Color
R _Y B	247, 212, 223
Decimal	16241887
CIE Lab	88.06, 13.99, -0.91
CIE LCh	88, 14.015, 356.285
Yxy	72.1888, 0.3311, 0.3177
Android (android.graphics.Color)	4294431967 (0xFFF7D4DF)
YUV	223.7190, -0.3545, 20.4174
Hunter-Lab	84.9640, 9.3705, 3.7878

Details

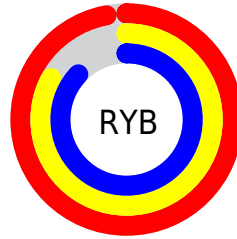
The Yxy color $72.1888, 0.3311, 0.3177$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $86.5970, 0.2972, 0.3406$, and the grayscale version is $74.3290, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8882, 0.3350, 0.3145$ is the 20% darker color. If you saturate the color by 10%, you get $59.9044, 0.3477, 0.3092$, and if you desaturate by 10%, it is $86.4603, 0.3176, 0.3258$.

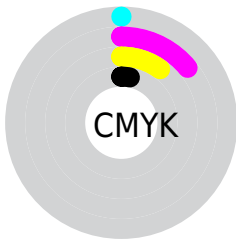
Distribution



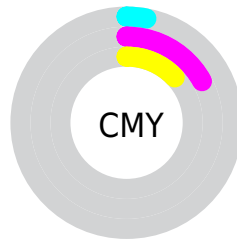
- Red (97%)
- Green (83%)
- Blue (87%)



- Red (97%)
- Yellow (83%)
- Blue (87%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (3%)





- Cyan (3%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1888, 0.3311, 0.3177 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 72.1888, 0.3311, 0.3177 by changing the saturation by 10% instead.

 72.1888, 0.3311,
0.3177

 72.1888, 0.3311,
0.3177


468.1985, 0.3226,
0.3229

 53.3129, 0.3330,
0.3165


122.3249, 0.3281,
0.3195

 38.0526, 0.3355,
0.3150


154.3539, 0.3270,
0.3202

 26.0235, 0.3385,
0.3132

191.5361, 0.3260,
0.3208

 16.8413, 0.3425,
0.3107

234.2559, 0.3251,
0.3214

 10.1214, 0.3480,
0.3074

282.8976, 0.3244,
0.3218

 5.4795, 0.3560,
0.3026

337.8457, 0.3237,

 2.5313, 0.3685,

0.3222

0.2951

399.4845, 0.3231,
0.3226

0.8922, 0.3912,
0.2816

0.0000, 1.0000,
0.0000

72.1888, 0.3311,
0.3177

72.1888, 0.3311,
0.3177

59.9044, 0.3477,
0.3092

86.4603, 0.3176,
0.3258

49.5093, 0.3679,
0.3006

98.5213, 0.3078,
0.3290

40.9117, 0.3923,
0.2922

34.0083, 0.4210,
0.2850

■ 28.6852, 0.4539,
0.2799

■ 24.8144, 0.4895,
0.2781

■ 22.2476, 0.5254,
0.2808

■ 20.8039, 0.5584,
0.2884

■ 20.3288, 0.5753,
0.2943

Harmonies

Analogous

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



72.1888, 0.3146, 0.3064



72.1888, 0.3311, 0.3177



72.1888, 0.3428, 0.3320

Triad

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



72.1888, 0.3311, 0.3177



72.1888, 0.3270, 0.3588



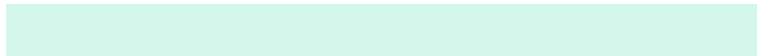
72.1888, 0.2803, 0.3108

Complementary

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



72.1888, 0.3311, 0.3177



86.5970, 0.2972, 0.3406

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.



72.1888, 0.2835, 0.3248



72.1888, 0.3311, 0.3177



72.1888, 0.3102, 0.3532

Square

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



72.1888, 0.3311, 0.3177



72.1888, 0.3403, 0.3559



72.1888, 0.2943, 0.3405



72.1888, 0.2855, 0.3022

Rectangle

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



72.1888, 0.3311, 0.3177



72.1888, 0.3461, 0.3415



72.1888, 0.2943, 0.3405



72.1888, 0.2805, 0.3151

Sweetspot

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



72.1920, 0.3311, 0.3177



93.2220, 0.3174, 0.3259



71.6218, 0.3065, 0.2930



19.6891, 0.3183, 0.3253



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

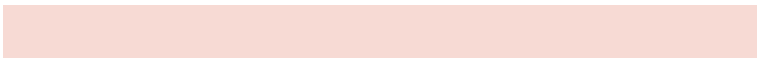
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1920, 0.3311, 0.3177



73.6251, 0.3355, 0.3153



74.8924, 0.3381, 0.3357



16.5685, 0.3244, 0.3216



10.7699, 0.5710, 0.2919



0.9644, 0.5357, 0.2725

Inverse Universe

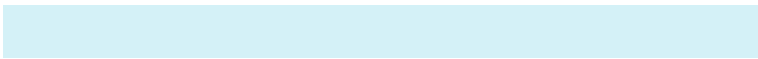
The Inverse Universe completely reimagines the original color for something new.



72.1920, 0.3311, 0.3177



73.6251, 0.3355, 0.3153



83.3951, 0.2909, 0.3222



16.5685, 0.3244, 0.3216



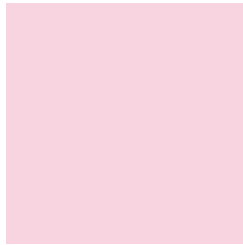
10.7699, 0.5710, 0.2919



0.9644, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 72.1888, 0.3311, 0.3177 looks on a white background.

Color Contrast Check

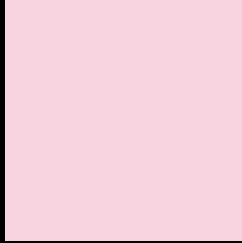
Large Text (above 18pt) WCAG AA × Fail

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 72.1888, 0.3311, 0.3177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

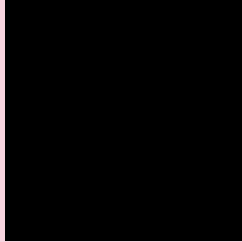
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.1888, 0.3311, 0.3177

Background



This preview shows how black text looks on a background with the Yxy color 72.1888, 0.3311, 0.3177.

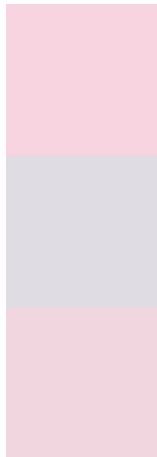


This preview shows how white text looks on a background with the Yxy color 72.1888, 0.3311, 0.3177.

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

72.1888, 0.3311, 0.3177

Protanopia

72.4758, 0.3096, 0.3204

Deuteranopia

72.2981, 0.3271, 0.3197



Tritanopia

72.1464, 0.3284, 0.3117

Trichromacy



Original Color

72.1888, 0.3311, 0.3177

Protanomaly

72.2725, 0.3175, 0.3195

Deuteranomaly

72.1493, 0.3287, 0.3187

Tritanomaly

72.0360, 0.3298, 0.3137

Monochromacy



Original Color

72.1888, 0.3311, 0.3177

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7240, 0.3186, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1888, 0.3311, 0.3177 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, 212, 223)` looks like.

```
.text, #text, p{  
    color:rgb(247, 212, 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(247, 212, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 212, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.1888, 0.3311, 0.3177 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, 212, 223) }
```

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

```
.border{ border-color:rgb(247, 212, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 212, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 212, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 212, 223);  
box-shadow:4px 4px 4px 4px rgb(247, 212,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1888, 0.3311, 0.3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 212, 223) }
```

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

```
.background{ background-color: rgb(247,  
212, 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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