

Converting Colors

$Y_{xy}(72.5532, 0.3310, 0.3207)$

Have a look what the booklet for
Yxy(72.5532, 0.3310, 0.3207)
contains.

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Color

Yxy(72.4018, 0.3317, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	F6D5DD
RGB	246, 213, 221
RGB Percent	96%, 84%, 87%
CMY	0.0351, 0.1647, 0.1334
CMYK	0.00, 0.13, 0.10, 0.04
HSL	345°, 65%, 90%
HSV	345°, 13%, 96%
XYZ	74.8618, 72.4018, 78.4278
YIQ	223.7790, 17.1000, 9.4840

Conversions

Conversions Part 2

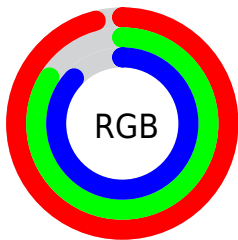
Format	Color
R _Y B	246, 213, 221
Decimal	16176605
CIE Lab	88.16, 12.78, 0.31
CIE LCh	88, 12.785, 1.382
Yxy	72.4018, 0.3317, 0.3208
Android (android.graphics.Color)	4294366685 (0xFFFF6D5DD)
YUV	223.7790, -1.3700, 19.4878
Hunter-Lab	85.0892, 8.1388, 4.9142

Details

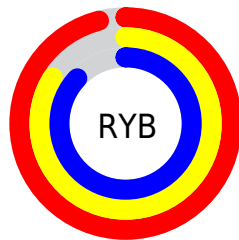
The Yxy color **72.4018, 0.3317, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2600, 0.2966, 0.3374**, and the grayscale version is **74.3807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0257, 0.3357, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **60.0132, 0.3498, 0.3143**, and if you desaturate by 10%, it is **86.7849, 0.3171, 0.3270**.

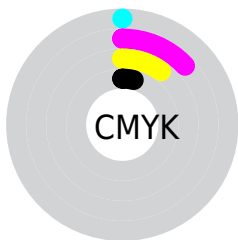
Distribution



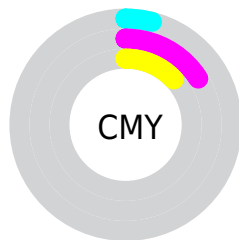
- Red (96%)
- Green (84%)
- Blue (87%)



- Red (96%)
- Yellow (84%)
- Blue (87%)



- Cyan (0%)
- Magenta (13%)
- Yellow (10%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4018, 0.3317, 0.3208 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 72.4018, 0.3317, 0.3208 by changing the saturation by 10% instead.


 72.4018, 0.3317,
0.3208

 72.4018, 0.3317,
0.3208


468.9389, 0.3229,
0.3246

 53.4870, 0.3337,
0.3199


122.6276, 0.3286,
0.3221

 38.1917, 0.3362,
0.3188

154.7074, 0.3275,
0.3226

 26.1315, 0.3394,
0.3175

191.9442, 0.3264,
0.3231

 16.9220, 0.3436,
0.3156

234.7226, 0.3255,
0.3235

 10.1789, 0.3493,
0.3131

283.4269, 0.3248,
0.3238

 5.5177, 0.3575,
0.3095

338.4414, 0.3241,

 2.5541, 0.3706,

0.3241

0.3038

400.1506, 0.3234,
0.3244

0.9037, 0.3945,
0.2933

0.0000, 1.0000,
0.0000

72.4018, 0.3317,
0.3208

72.4018, 0.3317,
0.3208

60.0132, 0.3498,
0.3143

86.7849, 0.3171,
0.3270

49.5217, 0.3720,
0.3076

98.3411, 0.3072,
0.3290

40.8357, 0.3989,
0.3012

33.8527, 0.4309,
0.2958

■ 28.4597, 0.4675,
0.2921

■ 24.5296, 0.5071,
0.2913

■ 21.9160, 0.5463,
0.2944

■ 20.4414, 0.5809,
0.3016

■ 19.9225, 0.5995,
0.3076

Harmonies

Analogous

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



72.4018, 0.3171, 0.3098



72.4018, 0.3317, 0.3208



72.4018, 0.3412, 0.3340

Triad

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



72.4018, 0.3317, 0.3208



72.4018, 0.3233, 0.3558



72.4018, 0.2834, 0.3107

Complementary

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



72.4018, 0.3317, 0.3208



86.2600, 0.2966, 0.3374

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.



72.4018, 0.2850, 0.3229



72.4018, 0.3317, 0.3208



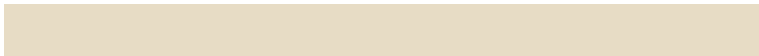
72.4018, 0.3078, 0.3494

Square

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



72.4018, 0.3317, 0.3208



72.4018, 0.3362, 0.3545



72.4018, 0.2939, 0.3372



72.4018, 0.2894, 0.3039

Rectangle

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



72.4018, 0.3317, 0.3208



72.4018, 0.3433, 0.3426



72.4018, 0.2939, 0.3372



72.4018, 0.2831, 0.3143

Sweetspot

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



72.4050, 0.3317, 0.3208



93.1758, 0.3178, 0.3266



72.3801, 0.3084, 0.2952



19.6774, 0.3188, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

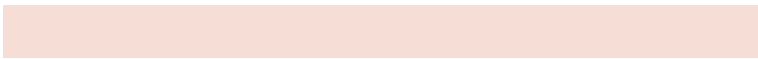
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.4050, 0.3317, 0.3208



74.8402, 0.3360, 0.3191



76.2523, 0.3363, 0.3376



16.5483, 0.3255, 0.3233



10.6477, 0.5956, 0.3055



0.9514, 0.5609, 0.2863

Inverse Universe

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



72.4050, 0.3317, 0.3208



74.8402, 0.3360, 0.3191



81.8237, 0.2919, 0.3202



16.5483, 0.3255, 0.3233



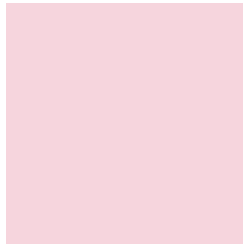
10.6477, 0.5956, 0.3055



0.9514, 0.5609, 0.2863

Previews

White Background



This preview shows how the Yxy color 72.4018, 0.3317, 0.3208 looks on a white background.

Color Contrast Check

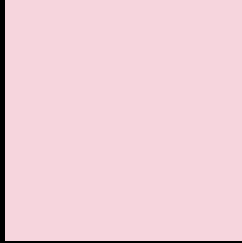
Large Text (above 18pt) WCAG AA × Fail

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 72.4018, 0.3317, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

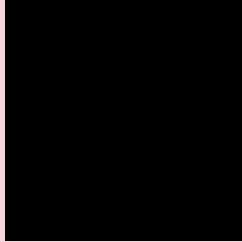
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.4018, 0.3317, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 72.4018, 0.3317, 0.3208.

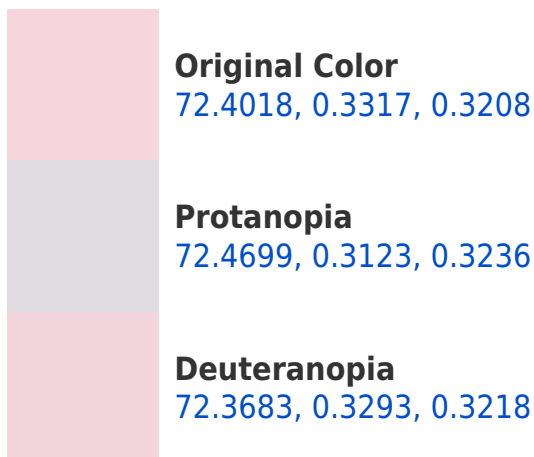


This preview shows how white text looks on a background with the Yxy color 72.4018, 0.3317, 0.3208.

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

72.4626, 0.3275, 0.3127

Trichromacy



Original Color

72.4018, 0.3317, 0.3208

Protanomaly

72.1633, 0.3188, 0.3216

Deuteranomaly

72.5467, 0.3300, 0.3218

Tritanomaly

72.2974, 0.3297, 0.3157

Monochromacy



Original Color

72.4018, 0.3317, 0.3208

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6699, 0.3193, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4018, 0.3317, 0.3208 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(246, 213, 221)` looks like.

```
.text, #text, p{  
    color:rgb(246, 213, 221)  
}
```

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(246, 213, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 213, 221) }
```

Border

The CSS property to change the border of an element to Yxy 72.4018, 0.3317, 0.3208 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(246, 213, 221) }
```

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

```
.border{ border-color:rgb(246, 213, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 213, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 213, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 213, 221);  
box-shadow:4px 4px 4px 4px rgb(246, 213,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4018, 0.3317, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 213, 221) }
```

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

```
.background{ background-color: rgb(246,  
213, 221) }
```

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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