

Converting Colors

$Y_{xy}(72.1161, 0.3215, 0.2969)$

Have a look what the booklet for
Yxy(72.1161, 0.3215, 0.2969)
contains.

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Color

Yxy(72.2758, 0.3208, 0.2969)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1F1
RGB	250, 209, 241
RGB Percent	98%, 82%, 95%
CMY	0.0197, 0.1803, 0.0548
CMYK	0.00, 0.16, 0.04, 0.02
HSL	313°, 80%, 90%
HSV	313°, 16%, 98%
XYZ	78.0939, 72.2758, 93.0651
YIQ	224.9070, 14.1640, 18.6440

Conversions

Conversions Part 2

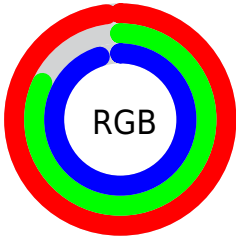
Format	Color
R _Y B	250, 209, 241
Decimal	16437745
CIE Lab	88.10, 19.59, -10.32
CIE LCh	88, 22.145, 332.226
Yxy	72.2758, 0.3208, 0.2969
Android (android.graphics.Color)	4294627825 (0xFFFAD1F1)
YUV	224.9070, 7.9338, 22.0066
Hunter-Lab	85.0152, 15.1913, -5.3935

Details

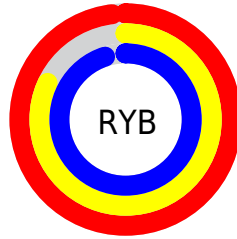
The Yxy color $72.2758, 0.3208, 0.2969$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $86.9672, 0.3055, 0.3634$, and the grayscale version is $75.1595, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.9514, 0.3223, 0.2892$ is the 20% darker color. If you saturate the color by 10%, you get $60.6375, 0.3268, 0.2766$, and if you desaturate by 10%, it is $85.8545, 0.3156, 0.3168$.

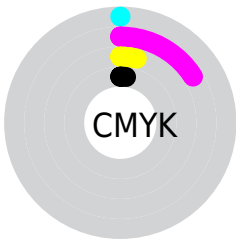
Distribution



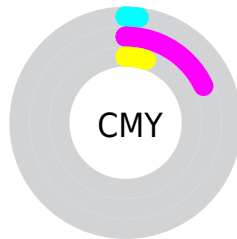
- Red (98%)
- Green (82%)
- Blue (95%)



- Red (98%)
- Yellow (82%)
- Blue (95%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (18%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.2758, 0.3208, 0.2969 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 72.2758, 0.3208, 0.2969 by changing the saturation by 10% instead.


 72.2758, 0.3208,
0.2969

 72.2758, 0.3208,
0.2969

468.5010, 0.3172,
0.3114

 53.3840, 0.3216,
0.2937

122.4486, 0.3196,
0.3019

 38.1094, 0.3225,
0.2897

154.4983, 0.3191,
0.3038

 26.0676, 0.3237,
0.2848


191.7029, 0.3187,
0.3055

 16.8742, 0.3251,
0.2785

234.4466, 0.3183,
0.3070

 10.1449, 0.3270,
0.2701

283.1138, 0.3180,
0.3083

 5.4951, 0.3296,
0.2583

338.0891, 0.3177,

 2.5406, 0.3332,

0.3094

0.2408

399.7567, 0.3175,
0.3104

0.8969, 0.3386,
0.2121

0.0000, 0.3612,
0.0000

72.2758, 0.3208,
0.2969

72.2758, 0.3208,
0.2969

60.6375, 0.3268,
0.2766

85.8545, 0.3156,
0.3168

50.8406, 0.3335,
0.2565

98.8620, 0.3114,
0.3319

42.7915, 0.3411,
0.2374

99.0574, 0.3096,
0.3290

36.3847, 0.3492,
0.2203

■ 31.5034, 0.3579,
0.2062

■ 28.0152, 0.3667,
0.1961

■ 25.7651, 0.3754,
0.1906

■ 24.5594, 0.3837,
0.1899

■ 24.2728, 0.3867,
0.1904

Harmonies

Analogous

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



72.2758, 0.2941, 0.2862



72.2758, 0.3208, 0.2969



72.2758, 0.3463, 0.3153

Triad

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



72.2758, 0.3208, 0.2969



72.2758, 0.3528, 0.3733



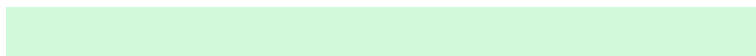
72.2758, 0.2651, 0.3170

Complementary

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



72.2758, 0.3208, 0.2969



86.9672, 0.3055, 0.3634

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.



72.2758, 0.2796, 0.3423



72.2758, 0.3208, 0.2969



72.2758, 0.3299, 0.3760

Square

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



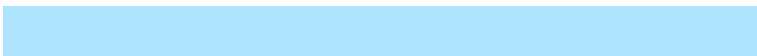
72.2758, 0.3208, 0.2969



72.2758, 0.3651, 0.3588



72.2758, 0.3031, 0.3646



72.2758, 0.2629, 0.2965

Rectangle

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



72.2758, 0.3208, 0.2969



72.2758, 0.3587, 0.3300



72.2758, 0.3031, 0.3646



72.2758, 0.2687, 0.3252

Sweetspot

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



72.2790, 0.3208, 0.2969



91.9550, 0.3150, 0.3194



67.3980, 0.2919, 0.2854



19.4493, 0.3153, 0.3181



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.



72.2790, 0.3208, 0.2969



70.9685, 0.3229, 0.2895



71.1273, 0.3354, 0.3172



17.4558, 0.3172, 0.3107



12.9016, 0.3854, 0.1897



1.2104, 0.3761, 0.1846

Inverse Universe

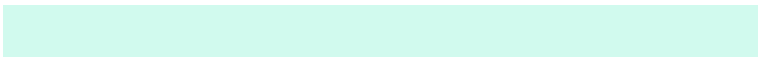
The Inverse Universe completely reimagines the original color for something new.



72.2790, 0.3208, 0.2969



70.9685, 0.3229, 0.2895



88.1014, 0.2942, 0.3412



17.4558, 0.3172, 0.3107



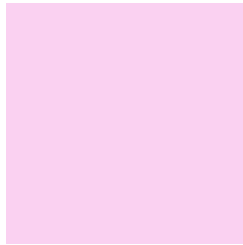
12.9016, 0.3854, 0.1897



1.2104, 0.3761, 0.1846

Previews

White Background



This preview shows how the Yxy color 72.2758, 0.3208, 0.2969 looks on a white background.

Color Contrast Check

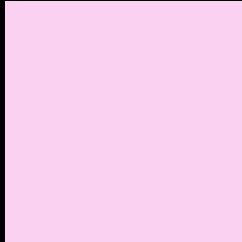
Large Text (above 18pt) WCAG AA × Fail

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 72.2758, 0.3208, 0.2969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

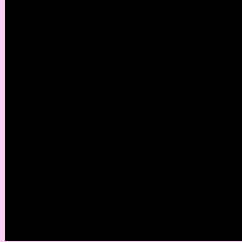
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.2758, 0.3208, 0.2969

Background



This preview shows how black text looks on a background with the Yxy color 72.2758, 0.3208, 0.2969.



This preview shows how white text looks on a background with the Yxy color 72.2758, 0.3208, 0.2969.

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

72.2758, 0.3208, 0.2969

Protanopia

72.7154, 0.2929, 0.2993

Deuteranopia

72.3846, 0.3096, 0.3030



Tritanopia

72.1464, 0.3284, 0.3117

Trichromacy



Original Color

72.2758, 0.3208, 0.2969

Protanomaly

72.3623, 0.3029, 0.2988

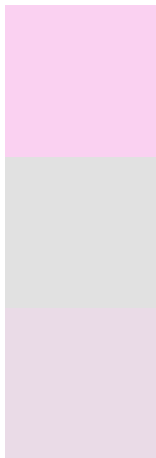
Deuteranomaly

72.4050, 0.3140, 0.3013

Tritanomaly

72.1161, 0.3257, 0.3057

Monochromacy



Original Color

72.2758, 0.3208, 0.2969

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.9250, 0.3154, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.2758, 0.3208, 0.2969 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(250, 209, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 241) }
```

Border

The CSS property to change the border of an element to Yxy 72.2758, 0.3208, 0.2969 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, 241) }
```

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

```
.border{ border-color:rgb(250, 209, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 241);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 72.2758, 0.3208, 0.2969 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, 241) }
```

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

```
.background{ background-color: rgb(250,  
209, 241) }
```

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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