

Converting Colors

$Y_{xy}(72.7744, 0.3303, 0.3100)$

Have a look what the booklet for
Yxy(72.7744, 0.3303, 0.3100)
contains.

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Color

Yxy(72.9411, 0.3306, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	FCD3E5
RGB	252, 211, 229
RGB Percent	99%, 83%, 90%
CMY	0.0120, 0.1724, 0.1020
CMYK	0.00, 0.16, 0.09, 0.01
HSL	334°, 87%, 91%
HSV	334°, 16%, 99%
XYZ	77.5630, 72.9411, 84.1087
YIQ	225.3110, 18.6580, 14.2900

Conversions

Conversions Part 2

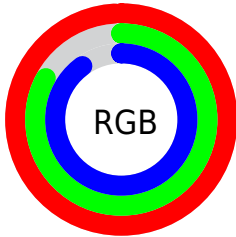
Format	Color
R _Y B	252, 211, 229
Decimal	16569317
CIE Lab	88.42, 17.16, -3.47
CIE LCh	88, 17.506, 348.551
Yxy	72.9411, 0.3306, 0.3109
Android (android.graphics.Color)	4294759397 (0xFFFC D3E5)
YUV	225.3110, 1.8187, 23.4063
Hunter-Lab	85.4056, 12.6490, 1.3942

Details

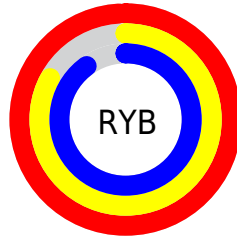
The Yxy color $72.9411, 0.3306, 0.3109$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.3741, 0.2978, 0.3478$, and the grayscale version is $75.5048, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4350, 0.3344, 0.3057$ is the 20% darker color. If you saturate the color by 10%, you get $60.6319, 0.3448, 0.2991$, and if you desaturate by 10%, it is $87.2829, 0.3189, 0.3223$.

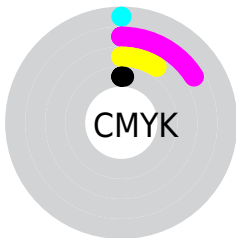
Distribution



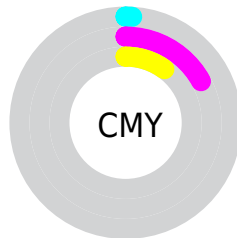
- Red (99%)
- Green (83%)
- Blue (90%)



- Red (99%)
- Yellow (83%)
- Blue (90%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (1%)





- Cyan (1%)
- Magenta (17%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9411, 0.3306, 0.3109 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 72.9411, 0.3306, 0.3109 by changing the saturation by 10% instead.

 72.9411, 0.3306,
0.3109

 72.9411, 0.3306,
0.3109


470.8106, 0.3224,
0.3192

 53.9278, 0.3325,
0.3090


123.3936, 0.3278,
0.3138

 38.5439, 0.3348,
0.3067


155.6016, 0.3267,
0.3149

 26.4051, 0.3377,
0.3039


192.9766, 0.3257,
0.3158

 17.1270, 0.3415,
0.3001

235.9030, 0.3249,
0.3167

 10.3251, 0.3466,
0.2951

284.7652, 0.3241,
0.3174

 5.6150, 0.3540,
0.2879

339.9476, 0.3235,

 2.6124, 0.3655,

0.3181

0.2769

401.8346, 0.3229,
0.3186

0.9329, 0.3857,
0.2580

0.0000, 0.8280,
0.0000

72.9411, 0.3306,
0.3109

72.9411, 0.3306,
0.3109

60.6319, 0.3448,
0.2991

87.2829, 0.3189,
0.3223

50.2529, 0.3618,
0.2871

99.4236, 0.3108,
0.3290

41.7075, 0.3819,
0.2757

34.8867, 0.4053,
0.2657

■ 29.6699, 0.4317,
0.2583

■ 25.9207, 0.4600,
0.2549

■ 23.4795, 0.4889,
0.2565

■ 22.1482, 0.5163,
0.2637

■ 21.8222, 0.5262,
0.2672

Harmonies

Analogous

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



72.9411, 0.3094, 0.2986



72.9411, 0.3306, 0.3109



72.9411, 0.3473, 0.3278

Triad

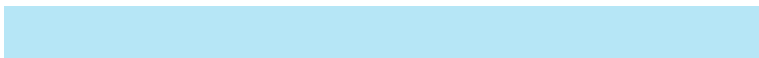
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9411, 0.3306, 0.3109



72.9411, 0.3354, 0.3663



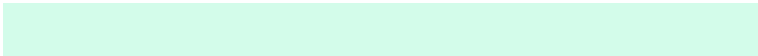
72.9411, 0.2727, 0.3102

Complementary

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



72.9411, 0.3306, 0.3109



89.3741, 0.2978, 0.3478

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.



72.9411, 0.2791, 0.3287



72.9411, 0.3306, 0.3109



72.9411, 0.3149, 0.3621

Square

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



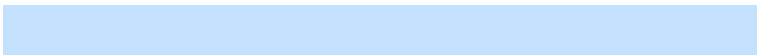
72.9411, 0.3306, 0.3109



72.9411, 0.3500, 0.3599



72.9411, 0.2944, 0.3481



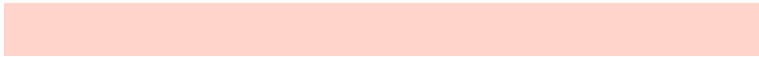
72.9411, 0.2764, 0.2977

Rectangle

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



72.9411, 0.3306, 0.3109



72.9411, 0.3534, 0.3398



72.9411, 0.2944, 0.3481



72.9411, 0.2737, 0.3159

Sweetspot

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



72.9443, 0.3306, 0.3109



91.6810, 0.3176, 0.3236



71.0415, 0.3016, 0.2870



19.3827, 0.3184, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

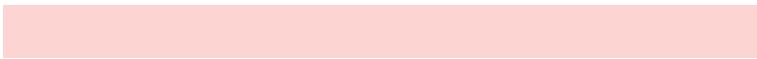
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9443, 0.3306, 0.3109



71.2591, 0.3343, 0.3077



73.0156, 0.3434, 0.3312



17.3518, 0.3225, 0.3186



11.4023, 0.5221, 0.2650



1.0770, 0.4922, 0.2485

Inverse Universe

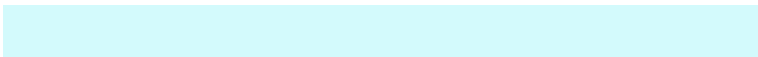
The Inverse Universe completely reimagines the original color for something new.



72.9443, 0.3306, 0.3109



71.2591, 0.3343, 0.3077



89.1816, 0.2880, 0.3268



17.3518, 0.3225, 0.3186



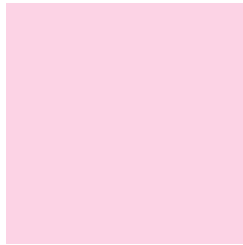
11.4023, 0.5221, 0.2650



1.0770, 0.4922, 0.2485

Previews

White Background



This preview shows how the Yxy color 72.9411, 0.3306, 0.3109 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 72.9411, 0.3306, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

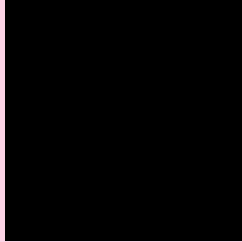
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9411, 0.3306, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 72.9411, 0.3306, 0.3109.



This preview shows how white text looks on a background with the Yxy color 72.9411, 0.3306, 0.3109.

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

72.9411, 0.3306, 0.3109

Protanopia

73.2407, 0.3043, 0.3141

Deuteranopia

72.9031, 0.3228, 0.3156



Tritanopia

72.8854, 0.3314, 0.3119

Trichromacy



Original Color

72.9411, 0.3306, 0.3109

Protanomaly

72.8325, 0.3135, 0.3122

Deuteranomaly

73.1070, 0.3259, 0.3147

Tritanomaly

72.8854, 0.3314, 0.3119

Monochromacy



Original Color

72.9411, 0.3306, 0.3109

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.3396, 0.3194, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9411, 0.3306, 0.3109 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(252, 211, 229)` looks like.

```
.text, #text, p{  
    color:rgb(252, 211, 229)  
}
```

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(252, 211, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 211, 229) }
```

Border

The CSS property to change the border of an element to Yxy 72.9411, 0.3306, 0.3109 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(252, 211, 229) }
```

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

```
.border{ border-color:rgb(252, 211, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 211, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 211, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 211, 229);  
box-shadow:4px 4px 4px 4px rgb(252, 211,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9411, 0.3306, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 211, 229) }
```

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

```
.background{ background-color: rgb(252,  
211, 229) }
```

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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