

Converting Colors

$Y_{xy}(72.9210, 0.3292, 0.3201)$

Have a look what the booklet for
Yxy(72.9210, 0.3292, 0.3201)
contains.

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Color

Yxy(72.8333, 0.3294, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6DF
RGB	245, 214, 223
RGB Percent	96%, 84%, 87%
CMY	0.0392, 0.1608, 0.1256
CMYK	0.00, 0.13, 0.09, 0.04
HSL	343°, 61%, 90%
HSV	343°, 13%, 96%
XYZ	75.0197, 72.8333, 79.8934
YIQ	224.2950, 15.5870, 9.3710

Conversions

Conversions Part 2

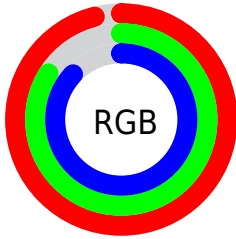
Format	Color
R _Y B	245, 214, 223
Decimal	16111327
CIE Lab	88.37, 12.22, -0.45
CIE LCh	88, 12.224, 357.912
Yxy	72.8333, 0.3294, 0.3198
Android (android.graphics.Color)	4294301407 (0xFFF5D6DF)
YUV	224.2950, -0.6384, 18.1583
Hunter-Lab	85.3424, 7.5599, 4.2353

Details

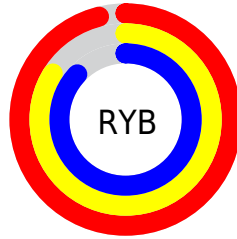
The Yxy color $72.8333, 0.3294, 0.3198$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $85.6641, 0.2984, 0.3384$, and the grayscale version is $74.7606, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4422, 0.3337, 0.3171$ is the 20% darker color. If you saturate the color by 10%, you get $60.4617, 0.3461, 0.3120$, and if you desaturate by 10%, it is $87.1732, 0.3159, 0.3271$.

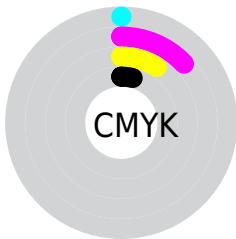
Distribution



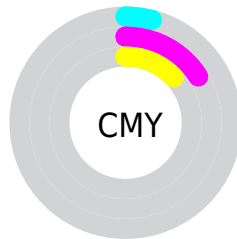
- Red (96%)
- Green (84%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (13%)
- Yellow (9%)
- Black (4%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8333, 0.3294, 0.3198 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 72.8333, 0.3294, 0.3198 by changing the saturation by 10% instead.

 72.8333, 0.3294,
0.3198

 72.8333, 0.3294,
0.3198

470.4369, 0.3217,
0.3241

 53.8397, 0.3312,
0.3188


123.2405, 0.3267,
0.3213

 38.4735, 0.3333,
0.3176


155.4229, 0.3257,
0.3219

 26.3504, 0.3361,
0.3161


192.7703, 0.3248,
0.3223

 17.0859, 0.3397,
0.3141

235.6672, 0.3240,
0.3228

 10.2958, 0.3447,
0.3114

284.4979, 0.3233,
0.3232

 5.5955, 0.3519,
0.3075

339.6468, 0.3227,

 2.6007, 0.3632,

0.3235

0.3013

401.4983, 0.3222,
0.3238

0.9270, 0.3837,
0.2902

0.0000, 1.0000,
0.0000

72.8333, 0.3294,
0.3198

72.8333, 0.3294,
0.3198

60.4617, 0.3461,
0.3120

87.1732, 0.3159,
0.3271

49.9627, 0.3665,
0.3041

98.1535, 0.3066,
0.3290

41.2473, 0.3912,
0.2964

34.2153, 0.4205,
0.2896

■ 28.7565, 0.4542,
0.2847

■ 24.7474, 0.4910,
0.2828

■ 22.0459, 0.5283,
0.2851

■ 20.4805, 0.5627,
0.2921

■ 19.8662, 0.5844,
0.2993

Harmonies

Analogous

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



72.8333, 0.3152, 0.3097



72.8333, 0.3294, 0.3198



72.8333, 0.3392, 0.3324

Triad

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



72.8333, 0.3294, 0.3198



72.8333, 0.3245, 0.3547



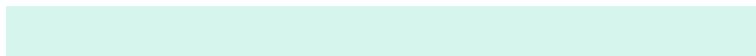
72.8333, 0.2845, 0.3127

Complementary

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



72.8333, 0.3294, 0.3198



85.6641, 0.2984, 0.3384

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.



72.8333, 0.2869, 0.3247



72.8333, 0.3294, 0.3198



72.8333, 0.3097, 0.3495

Square

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



72.8333, 0.3294, 0.3198



72.8333, 0.3362, 0.3527



72.8333, 0.2961, 0.3383



72.8333, 0.2895, 0.3055

Rectangle

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



72.8333, 0.3294, 0.3198



72.8333, 0.3418, 0.3406



72.8333, 0.2961, 0.3383



72.8333, 0.2845, 0.3163

Sweetspot

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



72.8365, 0.3294, 0.3198



93.2056, 0.3175, 0.3262



72.4725, 0.3076, 0.2971



19.6849, 0.3185, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

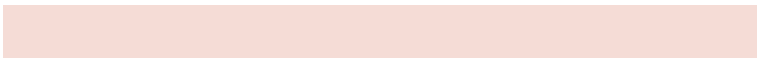
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8365, 0.3294, 0.3198



76.3477, 0.3331, 0.3180



75.5641, 0.3349, 0.3355



16.5613, 0.3248, 0.3222



10.7225, 0.5802, 0.2970



0.9595, 0.5448, 0.2775

Inverse Universe

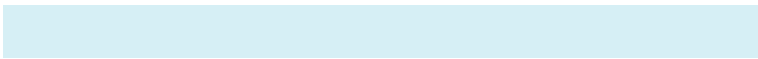
The Inverse Universe completely reimagines the original color for something new.



72.8365, 0.3294, 0.3198



76.3477, 0.3331, 0.3180



82.5096, 0.2932, 0.3224



16.5613, 0.3248, 0.3222



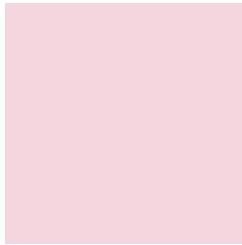
10.7225, 0.5802, 0.2970



0.9595, 0.5448, 0.2775

Previews

White Background



This preview shows how the Yxy color 72.8333, 0.3294, 0.3198 looks on a white background.

Color Contrast Check

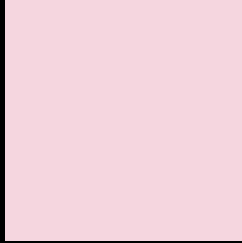
Large Text (above 18pt) WCAG AA × Fail

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 72.8333, 0.3294, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

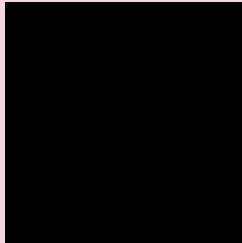
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8333, 0.3294, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 72.8333, 0.3294, 0.3198.

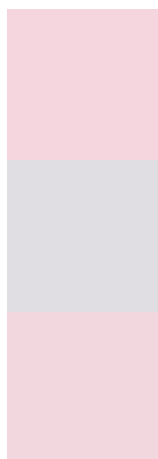


This preview shows how white text looks on a background with the Yxy color 72.8333, 0.3294, 0.3198.

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

72.8333, 0.3294, 0.3198

Protanopia

73.1062, 0.3109, 0.3226

Deuteranopia

72.9833, 0.3278, 0.3208



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

72.8333, 0.3294, 0.3198

Protanomaly

72.7896, 0.3174, 0.3206

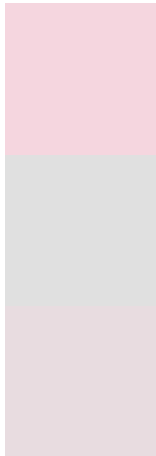
Deuteranomaly

73.1617, 0.3285, 0.3208

Tritanomaly

72.7274, 0.3274, 0.3147

Monochromacy



Original Color

72.8333, 0.3294, 0.3198

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 72.8333, 0.3294, 0.3198 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(245, 214, 223)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 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(245, 214, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.8333, 0.3294, 0.3198 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(245, 214, 223) }
```

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

```
.border{ border-color:rgb(245, 214, 223) }
```

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

Here you see how a box with a 4 pixel rgb(245, 214, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.8333, 0.3294, 0.3198$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 223) }
```

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

```
.background{ background-color: rgb(245,  
214, 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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