

Converting Colors

$Yxy(71.7492, 0.3421, 0.3308)$

Have a look what the booklet for
Yxy(71.7492, 0.3421, 0.3308)
contains.

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Color

Yxy(71.8798, 0.3420, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F9D4D2
RGB	249, 212, 210
RGB Percent	98%, 83%, 82%
CMY	0.0238, 0.1685, 0.1765
CMYK	0.00, 0.15, 0.16, 0.02
HSL	3°, 76%, 90%
HSV	3°, 16%, 98%
XYZ	74.2237, 71.8798, 70.9249
YIQ	222.8350, 22.6940, 7.2220

Conversions

Conversions Part 2

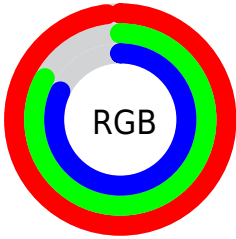
Format	Color
R _Y B	249, 212, 210
Decimal	16372946
CIE Lab	87.91, 12.55, 5.79
CIE LCh	88, 13.817, 24.754
Yxy	71.8798, 0.3420, 0.3312
Android (android.graphics.Color)	4294563026 (0xFFFF9D4D2)
YUV	222.8350, -6.3277, 22.9467
Hunter-Lab	84.7820, 7.9022, 9.7479

Details

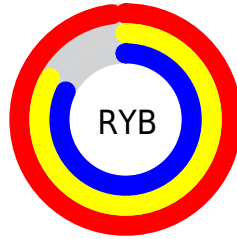
The Yxy color **71.8798, 0.3420, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9871, 0.2889, 0.3268**, and the grayscale version is **73.6995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7207, 0.3486, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **59.7919, 0.3667, 0.3327**, and if you desaturate by 10%, it is **85.8896, 0.3221, 0.3298**.

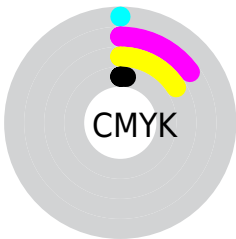
Distribution



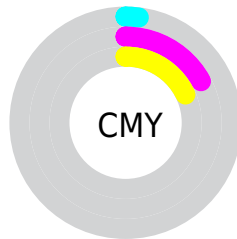
- Red (98%)
- Green (83%)
- Blue (82%)



- Red (98%)
- Yellow (83%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (16%)
- Black (2%)





- Cyan (2%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8798, 0.3420, 0.3312 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 71.8798, 0.3420, 0.3312 by changing the saturation by 10% instead.


 71.8798, 0.3420,
0.3312

 71.8798, 0.3420,
0.3312


467.1231, 0.3283,
0.3303

 53.0605, 0.3452,
0.3314


121.8856, 0.3372,
0.3309

 37.8511, 0.3491,
0.3315


153.8409, 0.3354,
0.3308

 25.8671, 0.3541,
0.3317


190.9437, 0.3338,
0.3307

 16.7243, 0.3606,
0.3319

233.5783, 0.3324,
0.3306

 10.0381, 0.3696,
0.3321

282.1291, 0.3312,
0.3305

 5.4242, 0.3828,
0.3322

336.9806, 0.3301,

 2.4983, 0.4038,

0.3305

0.3319

398.5172, 0.3292,
0.3304

0.8758, 0.4519,
0.3369

0.0000, 1.0000,
0.0000

71.8798, 0.3420,
0.3312

71.8798, 0.3420,
0.3312

59.7919, 0.3667,
0.3327

85.8896, 0.3221,
0.3298

49.5329, 0.3971,
0.3343

98.8674, 0.3090,
0.3290

41.0167, 0.4338,
0.3357

34.1464, 0.4766,
0.3368

■ 28.8158, 0.5234,
0.3373

■ 24.9060, 0.5692,
0.3368

■ 22.2810, 0.6073,
0.3352

■ 20.7780, 0.6313,
0.3328

■ 20.4173, 0.6374,
0.3321

Harmonies

Analogous

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



71.8798, 0.3301, 0.3172



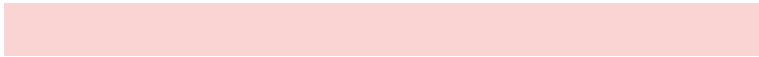
71.8798, 0.3420, 0.3312



71.8798, 0.3458, 0.3451

Triad

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



71.8798, 0.3420, 0.3312



71.8798, 0.3111, 0.3533



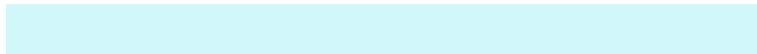
71.8798, 0.2854, 0.3029

Complementary

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



71.8798, 0.3420, 0.3312



86.9871, 0.2889, 0.3268

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.



71.8798, 0.2807, 0.3117



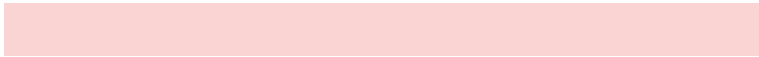
71.8798, 0.3420, 0.3312



71.8798, 0.2953, 0.3411

Square

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



71.8798, 0.3420, 0.3312



71.8798, 0.3277, 0.3584



71.8798, 0.2842, 0.3257



71.8798, 0.2974, 0.3010

Rectangle

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



71.8798, 0.3420, 0.3312



71.8798, 0.3432, 0.3525



71.8798, 0.2842, 0.3257



71.8798, 0.2830, 0.3051

Sweetspot

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



71.8830, 0.3420, 0.3312



91.7391, 0.3210, 0.3297



72.9282, 0.3159, 0.2921



19.3966, 0.3223, 0.3298



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

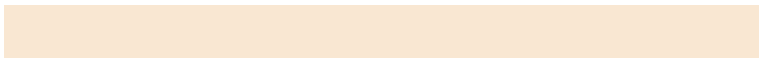
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8830, 0.3420, 0.3312



71.3909, 0.3497, 0.3317



82.1596, 0.3389, 0.3509



17.3714, 0.3293, 0.3303



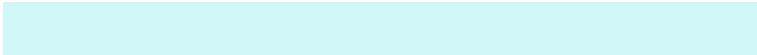
10.9957, 0.6364, 0.3329



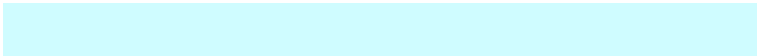
1.0683, 0.6275, 0.3400

Inverse Universe

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



86.9871, 0.2889, 0.3268



90.3272, 0.2840, 0.3263



75.7537, 0.2880, 0.3061



19.4430, 0.2980, 0.3277



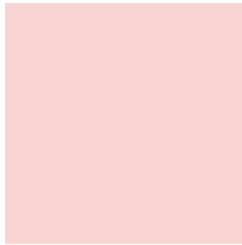
35.8153, 0.2202, 0.3125



3.3636, 0.2207, 0.3146

Previews

White Background



This preview shows how the Yxy color 71.8798, 0.3420, 0.3312 looks on a white background.

Color Contrast Check

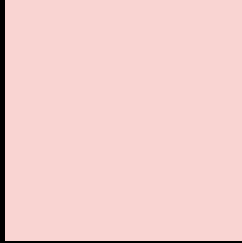
Large Text (above 18pt) WCAG AA × Fail

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 71.8798, 0.3420, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

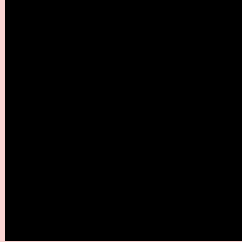
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8798, 0.3420, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.8798, 0.3420, 0.3312.

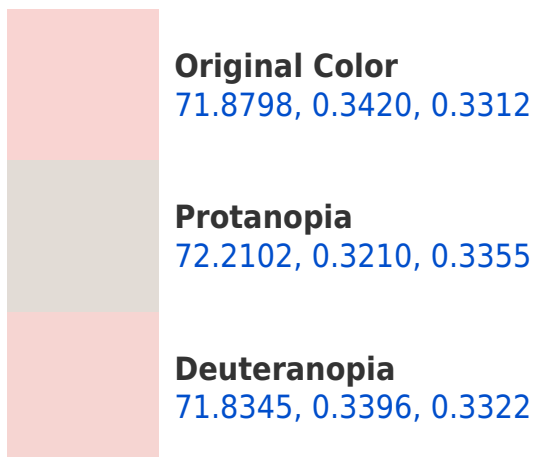


This preview shows how white text looks on a background with the Yxy color 71.8798, 0.3420, 0.3312.

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

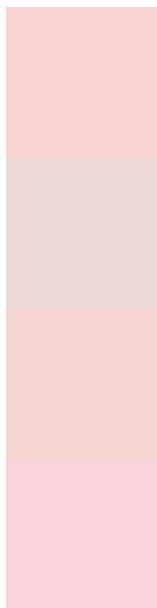




Tritanopia

72.0934, 0.3322, 0.3128

Trichromacy



Original Color

71.8798, 0.3420, 0.3312

Protanomaly

71.9222, 0.3279, 0.3333

Deuteranomaly

72.0158, 0.3404, 0.3322

Tritanomaly

72.0798, 0.3356, 0.3199

Monochromacy



Original Color

71.8798, 0.3420, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8808, 0.3228, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8798, 0.3420, 0.3312 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(249, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(249, 212, 210)  
}
```

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(249, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 212, 210) }
```

Border

The CSS property to change the border of an element to Yxy 71.8798, 0.3420, 0.3312 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(249, 212, 210) }
```

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

```
.border{ border-color:rgb(249, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(249, 212,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8798, 0.3420, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 212, 210) }
```

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

```
.background{ background-color: rgb(249,  
212, 210) }
```

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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