

Converting Colors

$Y_{xy}(72.4283, 0.3419, 0.3302)$

Have a look what the booklet for
Yxy(72.4283, 0.3419, 0.3302)
contains.

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Color

Yxy(72.1141, 0.3421, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	FAD4D3
RGB	250, 212, 211
RGB Percent	98%, 83%, 83%
CMY	0.0195, 0.1687, 0.1725
CMYK	0.00, 0.15, 0.16, 0.02
HSL	2°, 80%, 90%
HSV	2°, 16%, 98%
XYZ	74.7356, 72.1141, 71.6116
YIQ	223.2480, 22.9690, 7.7450

Conversions

Conversions Part 2

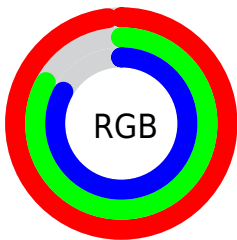
Format	Color
R _Y B	250, 212, 211
Decimal	16438483
CIE Lab	88.02, 13.12, 5.42
CIE LCh	88, 14.194, 22.458
Yxy	72.1141, 0.3421, 0.3301
Android (android.graphics.Color)	4294628563 (0xFFFAD4D3)
YUV	223.2480, -6.0383, 23.4615
Hunter-Lab	84.9200, 8.4826, 9.4457

Details

The Yxy color $72.1141, 0.3421, 0.3301$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.5368, 0.2890, 0.3279$, and the grayscale version is $74.0132, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.8857, 0.3486, 0.3291$ is the 20% darker color. If you saturate the color by 10%, you get $59.6805, 0.3670, 0.3309$, and if you desaturate by 10%, it is $86.5884, 0.3221, 0.3294$.

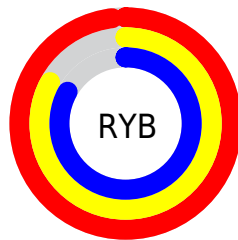
Distribution



Red (98%)

Green (83%)

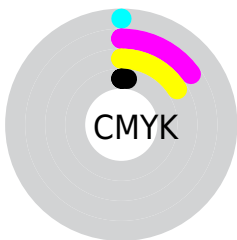
Blue (83%)



Red (98%)

Yellow (83%)

Blue (83%)

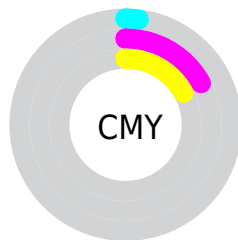


Cyan (0%)

Magenta (15%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (17%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1141, 0.3421, 0.3301 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 72.1141, 0.3421, 0.3301 by changing the saturation by 10% instead.

 72.1141, 0.3421,
0.3301

 72.1141, 0.3421,
0.3301


467.9386, 0.3284,
0.3297

 53.2519, 0.3453,
0.3301


122.2187, 0.3373,
0.3300

 38.0039, 0.3492,
0.3302


154.2300, 0.3355,
0.3300

 25.9857, 0.3542,
0.3302


191.3930, 0.3339,
0.3299

 16.8129, 0.3607,
0.3302

234.0921, 0.3325,
0.3299

 10.1012, 0.3698,
0.3300

282.7119, 0.3313,
0.3298

 5.4661, 0.3829,
0.3297

337.6367, 0.3302,

 2.5233, 0.4039,

0.3298

0.3286

399.2508, 0.3293,
0.3298

0.8882, 0.4499,
0.3310

0.0000, 1.0000,
0.0000

72.1141, 0.3421,
0.3301

72.1141, 0.3421,
0.3301

59.6805, 0.3670,
0.3309

86.5884, 0.3221,
0.3294

49.1866, 0.3979,
0.3317

99.0707, 0.3097,
0.3290

40.5376, 0.4354,
0.3324

33.6270, 0.4791,
0.3330

■ 28.3371, 0.5267,
0.3333

■ 24.5360, 0.5730,
0.3330

■ 22.0709, 0.6107,
0.3323

■ 20.7562, 0.6333,
0.3311

■ 20.4678, 0.6388,
0.3310

Harmonies

Analogous

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



72.1141, 0.3294, 0.3159



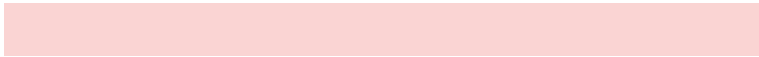
72.1141, 0.3421, 0.3301



72.1141, 0.3467, 0.3445

Triad

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



72.1141, 0.3421, 0.3301



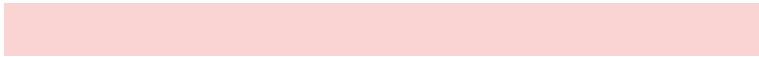
72.1141, 0.3124, 0.3547



72.1141, 0.2841, 0.3026

Complementary

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



72.1141, 0.3421, 0.3301



88.5368, 0.2890, 0.3279

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.



72.1141, 0.2799, 0.3122



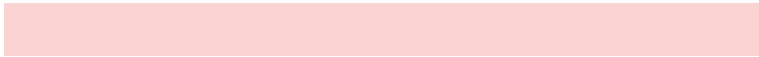
72.1141, 0.3421, 0.3301



72.1141, 0.2959, 0.3426

Square

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



72.1141, 0.3421, 0.3301



72.1141, 0.3292, 0.3593



72.1141, 0.2841, 0.3268



72.1141, 0.2958, 0.3002

Rectangle

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



72.1141, 0.3421, 0.3301



72.1141, 0.3445, 0.3523



72.1141, 0.2841, 0.3268



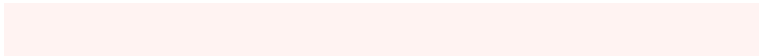
72.1141, 0.2817, 0.3051

Sweetspot

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



72.1173, 0.3421, 0.3301



91.5312, 0.3210, 0.3293



73.7861, 0.3150, 0.2909



19.3463, 0.3223, 0.3294



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

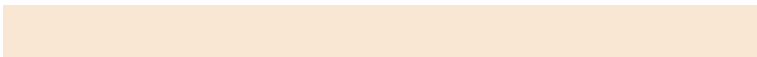
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.1173, 0.3421, 0.3301



70.7446, 0.3500, 0.3304



82.2823, 0.3391, 0.3495



17.2954, 0.3294, 0.3297



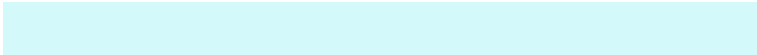
10.8840, 0.6383, 0.3314



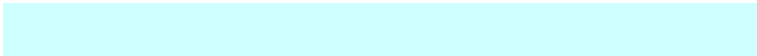
1.0320, 0.6339, 0.3349

Inverse Universe

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



88.5368, 0.2890, 0.3279



91.1622, 0.2840, 0.3277



77.2760, 0.2881, 0.3076



19.5289, 0.2980, 0.3284



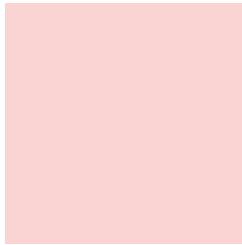
37.9142, 0.2225, 0.3210



3.5347, 0.2228, 0.3220

Previews

White Background



This preview shows how the Yxy color 72.1141, 0.3421, 0.3301 looks on a white background.

Color Contrast Check

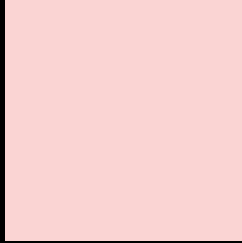
Large Text (above 18pt) WCAG AA × Fail

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 72.1141, 0.3421, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

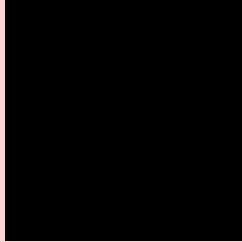
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

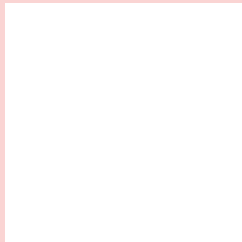
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1141, 0.3421, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 72.1141, 0.3421, 0.3301.

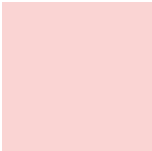
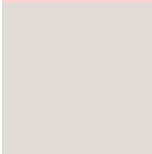



This preview shows how white text looks on a background with the Yxy color 72.1141, 0.3421, 0.3301.

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 72.1141, 0.3421, 0.3301
	Protanopia 72.2614, 0.3204, 0.3344
	Deuteranopia 72.3891, 0.3387, 0.3322



Tritanopia

72.2796, 0.3329, 0.3128

Trichromacy



Original Color

72.1141, 0.3421, 0.3301

Protanomaly

72.1429, 0.3279, 0.3322

Deuteranomaly

72.0658, 0.3396, 0.3312

Tritanomaly

72.3182, 0.3357, 0.3189

Monochromacy



Original Color

72.1141, 0.3421, 0.3301

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.1011, 0.3228, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1141, 0.3421, 0.3301 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, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(250, 212, 211)  
}
```

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, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 212, 211) }
```

Border

The CSS property to change the border of an element to Yxy 72.1141, 0.3421, 0.3301 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, 212, 211) }
```

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

```
.border{ border-color:rgb(250, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(250, 212,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1141, 0.3421, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 212, 211) }
```

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

```
.background{ background-color: rgb(250,  
212, 211) }
```

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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