

Converting Colors

$Y_{xy}(71.0067, 0.3431, 0.3291)$

Have a look what the booklet for
Yxy(71.0067, 0.3431, 0.3291)
contains.

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Color

Yxy(71.0703, 0.3431, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	FAD2D2
RGB	250, 210, 210
RGB Percent	98%, 82%, 82%
CMY	0.0198, 0.1764, 0.1764
CMYK	0.00, 0.16, 0.16, 0.02
HSL	0°, 80%, 90%
HSV	0°, 16%, 98%
XYZ	74.0936, 71.0703, 70.7896
YIQ	221.9600, 23.8400, 8.4800

Conversions

Conversions Part 2

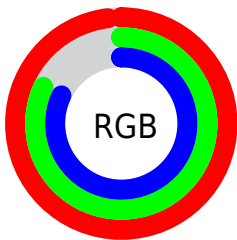
Format	Color
R _{YB}	250, 210, 210
Decimal	16437970
CIE Lab	87.52, 13.97, 5.22
CIE LCh	88, 14.910, 20.497
Yxy	71.0703, 0.3431, 0.3291
Android (android.graphics.Color)	4294628050 (0xFFFA _{D2D2})
YUV	221.9600, -5.8963, 24.5911
Hunter-Lab	84.3032, 9.3521, 9.2263

Details

The Yxy color **71.0703, 0.3431, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9410, 0.2885, 0.3289**, and the grayscale version is **73.0468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1804, 0.3501, 0.3278** is the 20% darker color. If you saturate the color by 10%, you get **58.5315, 0.3685, 0.3292**, and if you desaturate by 10%, it is **85.7366, 0.3228, 0.3290**.

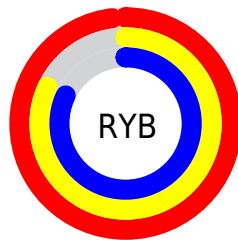
Distribution



Red (98%)

Green (82%)

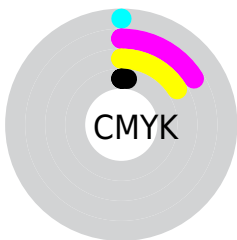
Blue (82%)



Red (98%)

Yellow (82%)

Blue (82%)

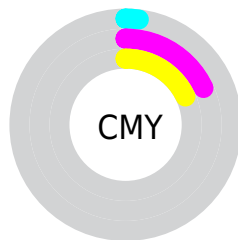


Cyan (0%)

Magenta (16%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (18%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0703, 0.3431, 0.3291 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 71.0703, 0.3431, 0.3291 by changing the saturation by 10% instead.


 71.0703, 0.3431,
0.3291

 71.0703, 0.3431,
0.3291


464.2992, 0.3289,
0.3292

 52.3996, 0.3464,
0.3290

120.7338, 0.3381,
0.3292

 37.3237, 0.3505,
0.3289


152.4954, 0.3362,
0.3292

 25.4582, 0.3557,
0.3288


189.3894, 0.3346,
0.3292

 16.4188, 0.3625,
0.3285

231.8002, 0.3331,
0.3292

 9.8210, 0.3720,
0.3281

280.1121, 0.3319,
0.3292

 5.2804, 0.3858,
0.3272

334.7097, 0.3308,

 2.4127, 0.4079,

0.3292

0.3254

395.9772, 0.3298,
0.3292

0.8324, 0.4593,
0.3277

0.0000, 1.0000,
0.0000

71.0703, 0.3431,
0.3291

71.0703, 0.3431,
0.3291

58.5315, 0.3685,
0.3292

85.7366, 0.3228,
0.3290

48.0123, 0.4001,
0.3293

99.0567, 0.3096,
0.3290

39.4102, 0.4385,
0.3294

32.6096, 0.4832,
0.3296

■ 27.4827, 0.5315,
0.3297

■ 23.8847, 0.5779,
0.3298

■ 21.6465, 0.6145,
0.3299

■ 20.5583, 0.6352,
0.3300

■ 20.3184, 0.6401,
0.3300

Harmonies

Analogous

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



71.0703, 0.3292, 0.3143



71.0703, 0.3431, 0.3291



71.0703, 0.3486, 0.3444

Triad

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



71.0703, 0.3431, 0.3291



71.0703, 0.3135, 0.3567



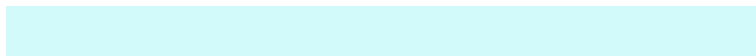
71.0703, 0.2820, 0.3016

Complementary

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



71.0703, 0.3431, 0.3291



88.9410, 0.2885, 0.3289

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.



71.0703, 0.2781, 0.3121



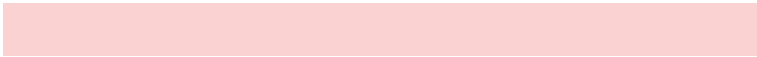
71.0703, 0.3431, 0.3291



71.0703, 0.2960, 0.3444

Square

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



71.0703, 0.3431, 0.3291



71.0703, 0.3312, 0.3610



71.0703, 0.2832, 0.3277



71.0703, 0.2939, 0.2986

Rectangle

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



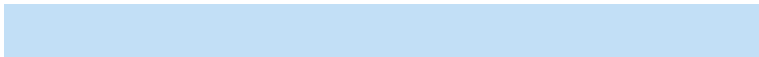
71.0703, 0.3431, 0.3291



71.0703, 0.3467, 0.3529



71.0703, 0.2832, 0.3277



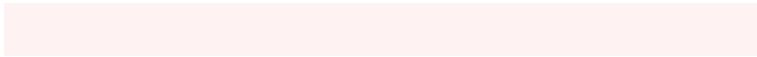
71.0703, 0.2797, 0.3043

Sweetspot

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



71.0735, 0.3431, 0.3291



91.3415, 0.3211, 0.3290



73.3133, 0.3146, 0.2893



19.3004, 0.3223, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

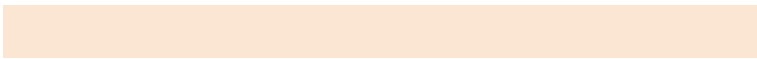
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0735, 0.3431, 0.3291



70.1584, 0.3502, 0.3291



81.5549, 0.3399, 0.3494



17.2261, 0.3294, 0.3291



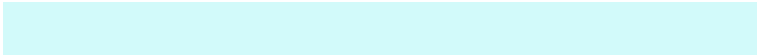
10.7818, 0.6401, 0.3300



0.9989, 0.6400, 0.3300

Inverse Universe

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



88.9410, 0.2885, 0.3289



91.9307, 0.2841, 0.3289



77.1871, 0.2875, 0.3077



19.6076, 0.2980, 0.3290



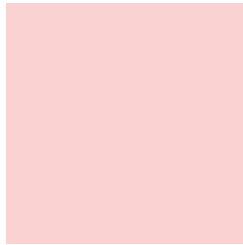
39.9014, 0.2246, 0.3286



3.6959, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 71.0703, 0.3431, 0.3291 looks on a white background.

Color Contrast Check

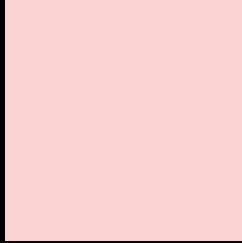
Large Text (above 18pt) WCAG AA × Fail

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 71.0703, 0.3431, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

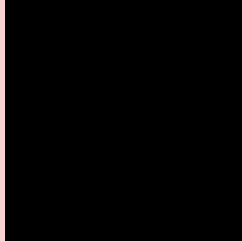
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

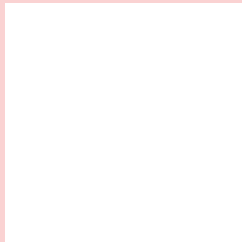
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.0703, 0.3431, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 71.0703, 0.3431, 0.3291.

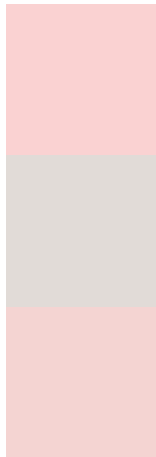


This preview shows how white text looks on a background with the Yxy color 71.0703, 0.3431, 0.3291.

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

71.0703, 0.3431, 0.3291

Protanopia

71.5769, 0.3197, 0.3334

Deuteranopia

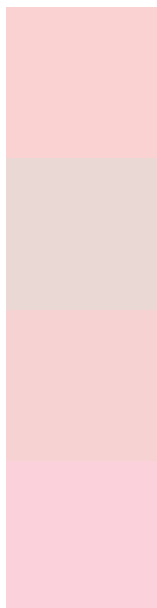
70.9732, 0.3382, 0.3312



Tritanopia

71.1890, 0.3346, 0.3128

Trichromacy



Original Color

71.0703, 0.3431, 0.3291

Protanomaly

71.4083, 0.3280, 0.3322

Deuteranomaly

70.8345, 0.3399, 0.3301

Tritanomaly

71.2246, 0.3374, 0.3188

Monochromacy



Original Color

71.0703, 0.3431, 0.3291

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.3606, 0.3229, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0703, 0.3431, 0.3291 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, 210, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 210, 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(250, 210, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 210, 210) }
```

Border

The CSS property to change the border of an element to Yxy 71.0703, 0.3431, 0.3291 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, 210, 210) }
```

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

```
.border{ border-color:rgb(250, 210, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 210, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 210, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 210, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 210,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0703, 0.3431, 0.3291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 210, 210) }
```

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

```
.background{ background-color: rgb(250,  
210, 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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