

Converting Colors

$Yxy(71.3203, 0.3345, 0.3290)$

Have a look what the booklet for
Yxy(71.3203, 0.3345, 0.3290)
contains.

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Color

Yxy(71.2698, 0.3344, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5D5
RGB	242, 213, 213
RGB Percent	95%, 84%, 84%
CMY	0.0510, 0.1647, 0.1648
CMYK	0.00, 0.12, 0.12, 0.05
HSL	0°, 53%, 89%
HSV	0°, 12%, 95%
XYZ	72.4176, 71.2698, 72.8723
YIQ	221.6710, 17.2840, 6.1480

Conversions

Conversions Part 2

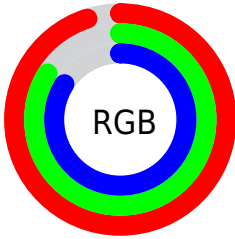
Format	Color
R _Y B	242, 213, 213
Decimal	15914453
CIE Lab	87.62, 10.05, 3.70
CIE LCh	88, 10.713, 20.231
Yxy	71.2698, 0.3344, 0.3291
Android (android.graphics.Color)	4294104533 (0xFFFF2D5D5)
YUV	221.6710, -4.2748, 17.8285
Hunter-Lab	84.4214, 5.3816, 7.9161

Details

The Yxy color **71.2698, 0.3344, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0306, 0.2943, 0.3289**, and the grayscale version is **72.8247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3614, 0.3404, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **58.8680, 0.3576, 0.3292**, and if you desaturate by 10%, it is **85.6731, 0.3159, 0.3290**.

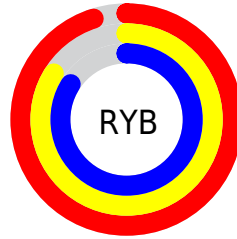
Distribution



Red (95%)

Green (84%)

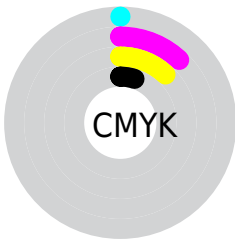
Blue (84%)



Red (95%)

Yellow (84%)

Blue (84%)

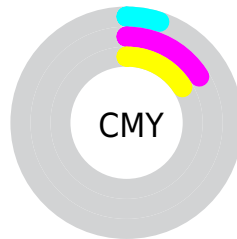


Cyan (0%)

Magenta (12%)

Yellow (12%)

Black (5%)



Cyan (5%)


Magenta (16%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2698, 0.3344, 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 71.2698, 0.3344, 0.3291 by changing the saturation by 10% instead.


 71.2698, 0.3344,
0.3291

 71.2698, 0.3344,
0.3291


464.9960, 0.3243,
0.3291

 52.5624, 0.3367,
0.3291


121.0178, 0.3309,
0.3291

 37.4536, 0.3396,
0.3290


152.8272, 0.3295,
0.3291

 25.5589, 0.3433,
0.3290


189.7727, 0.3283,
0.3291

 16.4939, 0.3482,
0.3288

232.2388, 0.3273,
0.3291

 9.8743, 0.3549,
0.3286

280.6097, 0.3264,
0.3291

 5.3157, 0.3647,
0.3282

335.2700, 0.3256,

 2.4337, 0.3804,

0.3291

0.3273

396.6040, 0.3249,
0.3291

0.8431, 0.4146,
0.3286

0.0000, 0.0000,
0.0000

71.2698, 0.3344,
0.3291

71.2698, 0.3344,
0.3291

58.8680, 0.3576,
0.3292

85.6731, 0.3159,
0.3290

48.3701, 0.3865,
0.3293

97.6160, 0.3047,
0.3290

39.6850, 0.4220,
0.3295

32.7098, 0.4642,
0.3296

■ 27.3319, 0.5114,
0.3298

■ 23.4250, 0.5594,
0.3299

■ 20.8436, 0.6009,
0.3300

■ 19.4128, 0.6287,
0.3300

■ 18.8827, 0.6400,
0.3300

Harmonies

Analogous

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



71.2698, 0.3245, 0.3183



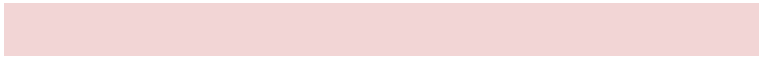
71.2698, 0.3344, 0.3291



71.2698, 0.3384, 0.3401

Triad

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



71.2698, 0.3344, 0.3291



71.2698, 0.3135, 0.3488



71.2698, 0.2905, 0.3094

Complementary

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



71.2698, 0.3344, 0.3291



84.0306, 0.2943, 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.



71.2698, 0.2877, 0.3171



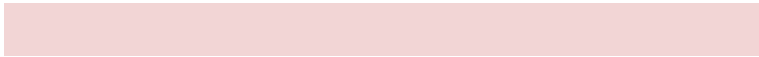
71.2698, 0.3344, 0.3291



71.2698, 0.3008, 0.3401

Square

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



71.2698, 0.3344, 0.3291



71.2698, 0.3262, 0.3518



71.2698, 0.2915, 0.3283



71.2698, 0.2991, 0.3070

Rectangle

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



71.2698, 0.3344, 0.3291



71.2698, 0.3371, 0.3462



71.2698, 0.2915, 0.3283



71.2698, 0.2888, 0.3114

Sweetspot

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



71.2730, 0.3344, 0.3291



93.0321, 0.3193, 0.3290



72.8619, 0.3141, 0.2994



19.6412, 0.3206, 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.



71.2730, 0.3344, 0.3291



77.2338, 0.3387, 0.3291



78.8818, 0.3325, 0.3441



15.7621, 0.3293, 0.3291



10.1461, 0.6400, 0.3300



0.8452, 0.6397, 0.3302

Inverse Universe

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



84.0306, 0.2943, 0.3289



93.8176, 0.2913, 0.3289



75.7557, 0.2940, 0.3134



17.9253, 0.2981, 0.3289



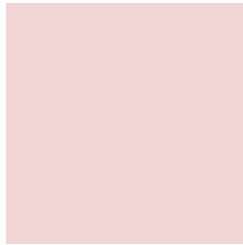
37.4620, 0.2246, 0.3284



3.1176, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 71.2698, 0.3344, 0.3291 looks on a white background.

Color Contrast Check

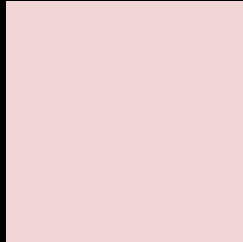
Large Text (above 18pt) WCAG AA × Fail

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 71.2698, 0.3344, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

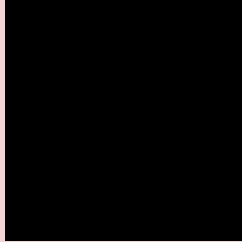
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

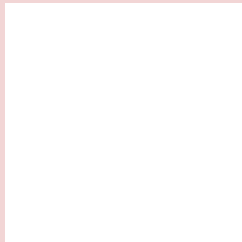
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2698, 0.3344, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 71.2698, 0.3344, 0.3291.



This preview shows how white text looks on a background with the Yxy color 71.2698, 0.3344, 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

71.2698, 0.3344, 0.3291

Protanopia

71.4682, 0.3183, 0.3323

Deuteranopia

70.9457, 0.3353, 0.3280



Tritanopia

71.3677, 0.3261, 0.3125

Trichromacy



Original Color

71.2698, 0.3344, 0.3291

Protanomaly

71.5209, 0.3243, 0.3312

Deuteranomaly

70.9457, 0.3353, 0.3280

Tritanomaly

71.4156, 0.3288, 0.3187

Monochromacy



Original Color

71.2698, 0.3344, 0.3291

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4355, 0.3199, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2698, 0.3344, 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(242, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 213)  
}
```

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(242, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 213) }
```

Border

The CSS property to change the border of an element to Yxy 71.2698, 0.3344, 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(242, 213, 213) }
```

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

```
.border{ border-color:rgb(242, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2698, 0.3344, 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(242, 213, 213) }
```

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

```
.background{ background-color: rgb(242,  
213, 213) }
```

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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