

Converting Colors

$Yxy(69.1617, 0.3395, 0.3288)$

Have a look what the booklet for
Yxy(69.1617, 0.3395, 0.3288)
contains.

Yxy(69.4375, 0.3394, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(69.4375, 0.3394, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F4D1D1
RGB	244, 209, 209
RGB Percent	96%, 82%, 82%
CMY	0.0432, 0.1803, 0.1804
CMYK	0.00, 0.14, 0.14, 0.04
HSL	0°, 61%, 89%
HSV	0°, 14%, 96%
XYZ	71.6107, 69.4375, 69.9439
YIQ	219.4650, 20.8600, 7.4200

Conversions

Conversions Part 2

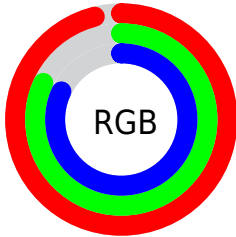
Format	Color
R _Y B	244, 209, 209
Decimal	16044497
CIE Lab	86.72, 12.21, 4.54
CIE LCh	87, 13.026, 20.379
Yxy	69.4375, 0.3394, 0.3291
Android (android.graphics.Color)	4294234577 (0xFFF4D1D1)
YUV	219.4650, -5.1592, 21.5172
Hunter-Lab	83.3292, 7.5718, 8.5643

Details

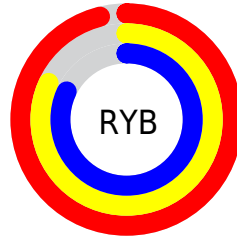
The Yxy color **69.4375, 0.3394, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.7593, 0.2909, 0.3289**, and the grayscale version is **71.2041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.3740, 0.3450, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **57.2596, 0.3638, 0.3292**, and if you desaturate by 10%, it is **83.6375, 0.3199, 0.3290**.

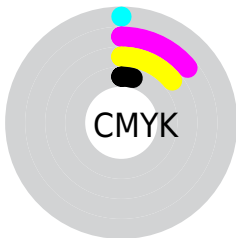
Distribution



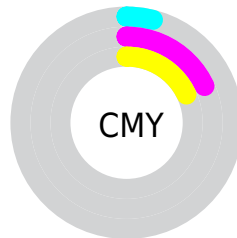
- Red (96%)
- Green (82%)
- Blue (82%)



- Red (96%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (14%)
- Yellow (14%)
- Black (4%)





- Cyan (4%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.4375, 0.3394, 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 69.4375, 0.3394, 0.3291 by changing the saturation by 10% instead.


 69.4375, 0.3394,
0.3291

 69.4375, 0.3394,
0.3291

458.5725, 0.3269,
0.3292

 51.0681, 0.3423,
0.3291

118.4062, 0.3350,
0.3292

 36.2628, 0.3459,
0.3290


149.7744, 0.3333,
0.3292

 24.6372, 0.3505,
0.3289


186.2442, 0.3319,
0.3292

 15.8070, 0.3567,
0.3287

228.2001, 0.3306,
0.3292

 9.3877, 0.3651,
0.3283

276.0265, 0.3295,
0.3292

 4.9949, 0.3776,
0.3276

330.1077, 0.3285,

 2.2443, 0.3977,

0.3292

0.3261

390.8283, 0.3277,
0.3292

0.7440, 0.4510,
0.3302

0.0000, 0.0000,
0.0000

69.4375, 0.3394,
0.3291

69.4375, 0.3394,
0.3291

57.2596, 0.3638,
0.3292

83.6375, 0.3199,
0.3290

47.0030, 0.3943,
0.3293

97.9693, 0.3060,
0.3290

38.5727, 0.4314,
0.3294

31.8614, 0.4751,
0.3296

■ 26.7510, 0.5231,
0.3297

■ 23.1083, 0.5702,
0.3298

■ 20.7788, 0.6091,
0.3299

■ 19.5735, 0.6328,
0.3300

■ 19.2328, 0.6400,
0.3300

Harmonies

Analogous

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



69.4375, 0.3272, 0.3159



69.4375, 0.3394, 0.3291



69.4375, 0.3443, 0.3426

Triad

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



69.4375, 0.3394, 0.3291



69.4375, 0.3135, 0.3534



69.4375, 0.2855, 0.3049

Complementary

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



69.4375, 0.3394, 0.3291



84.7593, 0.2909, 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.



69.4375, 0.2822, 0.3142



69.4375, 0.3394, 0.3291



69.4375, 0.2981, 0.3425

Square

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



69.4375, 0.3394, 0.3291



69.4375, 0.3291, 0.3571



69.4375, 0.2867, 0.3280



69.4375, 0.2961, 0.3021

Rectangle

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



69.4375, 0.3394, 0.3291



69.4375, 0.3427, 0.3500



69.4375, 0.2867, 0.3280



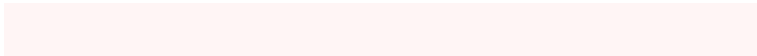
69.4375, 0.2835, 0.3073

Sweetspot

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



69.4406, 0.3394, 0.3291



93.0283, 0.3193, 0.3290



71.3567, 0.3144, 0.2935



19.6402, 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.



69.4406, 0.3394, 0.3291



72.9222, 0.3455, 0.3291



78.4895, 0.3368, 0.3472



16.4843, 0.3294, 0.3291



10.4606, 0.6400, 0.3300



0.9200, 0.6399, 0.3301

Inverse Universe

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



84.7593, 0.2909, 0.3289



92.6669, 0.2870, 0.3289



74.7416, 0.2902, 0.3101



18.7559, 0.2981, 0.3289



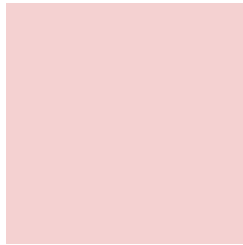
38.6811, 0.2246, 0.3285



3.4003, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 69.4375, 0.3394, 0.3291 looks on a white background.

Color Contrast Check

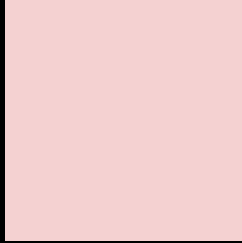
Large Text (above 18pt) WCAG AA × Fail

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 69.4375, 0.3394, 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 69.4375, 0.3394, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 69.4375, 0.3394, 0.3291.

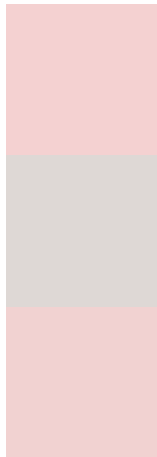


This preview shows how white text looks on a background with the Yxy color 69.4375, 0.3394, 0.3291.

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

69.4375, 0.3394, 0.3291

Protanopia

69.4454, 0.3191, 0.3323

Deuteranopia

69.3974, 0.3370, 0.3301



Tritanopia

69.5462, 0.3309, 0.3125

Trichromacy



Original Color

69.4375, 0.3394, 0.3291

Protanomaly

69.1650, 0.3260, 0.3301

Deuteranomaly

69.5739, 0.3377, 0.3301

Tritanomaly

69.5862, 0.3337, 0.3187

Monochromacy



Original Color

69.4375, 0.3394, 0.3291

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0012, 0.3223, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4375, 0.3394, 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(244, 209, 209)` looks like.

```
.text, #text, p{  
    color:rgb(244, 209, 209)  
}
```

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(244, 209, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 209, 209) }
```

Border

The CSS property to change the border of an element to Yxy 69.4375, 0.3394, 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(244, 209, 209) }
```

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

```
.border{ border-color:rgb(244, 209, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 209, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 209, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 209, 209);  
box-shadow:4px 4px 4px 4px rgb(244, 209,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4375, 0.3394, 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(244, 209, 209) }
```

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

```
.background{ background-color: rgb(244,  
209, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor