

Converting Colors

$Y_{xy}(72.9234, 0.3353, 0.3293)$

Have a look what the booklet for
Yxy(72.9234, 0.3353, 0.3293)
contains.

Yxy(72.9197, 0.3349, 0.3291)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9197, 0.3349, 0.3291)

Conversions

Conversions Part 1

Format	Color
Hex	F5D7D7
RGB	245, 215, 215
RGB Percent	96%, 84%, 84%
CMY	0.0395, 0.1567, 0.1569
CMYK	0.00, 0.12, 0.12, 0.04
HSL	0°, 60%, 90%
HSV	0°, 12%, 96%
XYZ	74.2048, 72.9197, 74.4486
YIQ	223.9700, 17.8800, 6.3600

Conversions

Conversions Part 2

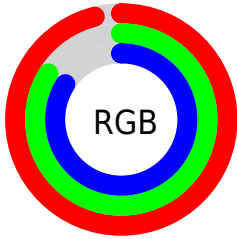
Format	Color
R _Y B	245, 215, 215
Decimal	16111575
CIE Lab	88.41, 10.36, 3.82
CIE LCh	88, 11.041, 20.245
Yxy	72.9197, 0.3349, 0.3291
Android (android.graphics.Color)	4294301655 (0xFFF5D7D7)
YUV	223.9700, -4.4222, 18.4433
Hunter-Lab	85.3930, 5.6751, 8.0841

Details

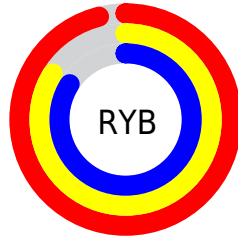
The Yxy color **72.9197, 0.3349, 0.3291** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2793, 0.2940, 0.3289**, and the grayscale version is **74.5387, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4985, 0.3411, 0.3291** is the 20% darker color. If you saturate the color by 10%, you get **60.2130, 0.3582, 0.3292**, and if you desaturate by 10%, it is **87.6844, 0.3163, 0.3290**.

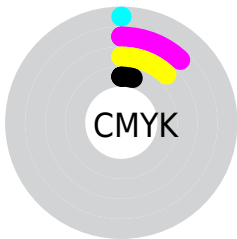
Distribution



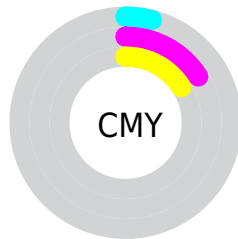
- Red (96%)
- Green (84%)
- Blue (84%)



- Red (96%)
- Yellow (84%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (12%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9197, 0.3349, 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 72.9197, 0.3349, 0.3291 by changing the saturation by 10% instead.


 72.9197, 0.3349,
0.3291

 72.9197, 0.3349,
0.3291


470.7365, 0.3246,
0.3291

 53.9103, 0.3373,
0.3291


123.3632, 0.3313,
0.3291

 38.5300, 0.3402,
0.3290


155.5661, 0.3299,
0.3291

 26.3943, 0.3439,
0.3289


192.9356, 0.3287,
0.3291

 17.1188, 0.3488,
0.3288

235.8562, 0.3277,
0.3291

 10.3192, 0.3556,
0.3286

284.7121, 0.3268,
0.3291

 5.6111, 0.3654,
0.3282

339.8879, 0.3260,

 2.6101, 0.3809,

0.3291

401.7679, 0.3252,
0.3291

0.3273

0.9317, 0.4115,
0.3267

0.0000, 1.0000,
0.0000

72.9197, 0.3349,
0.3291

72.9197, 0.3349,
0.3291

60.2130, 0.3582,
0.3292

87.6844, 0.3163,
0.3290

49.4637, 0.3873,
0.3293

98.1410, 0.3065,
0.3290

40.5776, 0.4230,
0.3295

33.4487, 0.4654,
0.3296

■ 27.9606, 0.5128,
0.3298

■ 23.9826, 0.5607,
0.3299

■ 21.3644, 0.6019,
0.3300

■ 19.9247, 0.6292,
0.3300

■ 19.4074, 0.6400,
0.3300

Harmonies

Analogous

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



72.9197, 0.3248, 0.3180



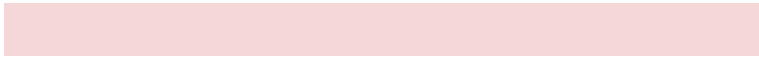
72.9197, 0.3349, 0.3291



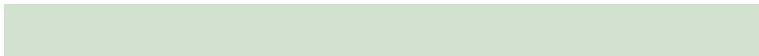
72.9197, 0.3390, 0.3404

Triad

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



72.9197, 0.3349, 0.3291



72.9197, 0.3135, 0.3492



72.9197, 0.2900, 0.3089

Complementary

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



72.9197, 0.3349, 0.3291



86.2793, 0.2940, 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.



72.9197, 0.2871, 0.3168



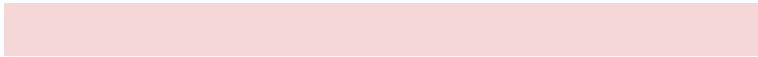
72.9197, 0.3349, 0.3291



72.9197, 0.3006, 0.3403

Square

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



72.9197, 0.3349, 0.3291



72.9197, 0.3265, 0.3524



72.9197, 0.2910, 0.3283



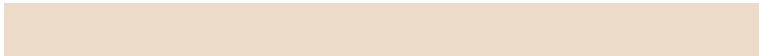
72.9197, 0.2988, 0.3065

Rectangle

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



72.9197, 0.3349, 0.3291



72.9197, 0.3377, 0.3466



72.9197, 0.2910, 0.3283



72.9197, 0.2883, 0.3110

Sweetspot

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



72.9229, 0.3349, 0.3291



93.0316, 0.3193, 0.3290



74.5873, 0.3141, 0.2988



19.6411, 0.3206, 0.3290



0.0000, 0.0000, 0.0000



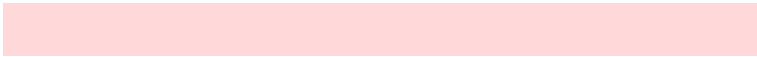
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9229, 0.3349, 0.3291



75.7773, 0.3409, 0.3291



80.8811, 0.3329, 0.3444



16.4857, 0.3294, 0.3291



10.4628, 0.6400, 0.3300



0.9207, 0.6398, 0.3302

Inverse Universe

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



86.2793, 0.2940, 0.3289



93.4241, 0.2899, 0.3289



77.6089, 0.2936, 0.3131



18.7542, 0.2981, 0.3289



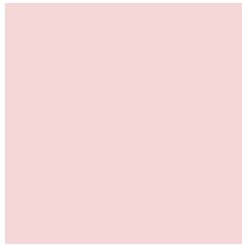
38.6383, 0.2246, 0.3284



3.3970, 0.2246, 0.3284

Previews

White Background



This preview shows how the Yxy color 72.9197, 0.3349, 0.3291 looks on a white background.

Color Contrast Check

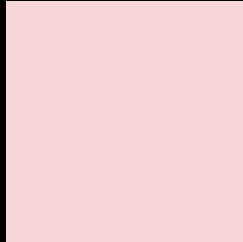
Large Text (above 18pt) WCAG AA × Fail

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 72.9197, 0.3349, 0.3291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

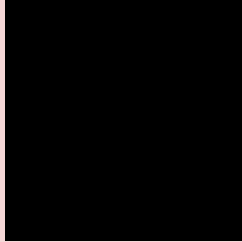
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9197, 0.3349, 0.3291

Background



This preview shows how black text looks on a background with the Yxy color 72.9197, 0.3349, 0.3291.

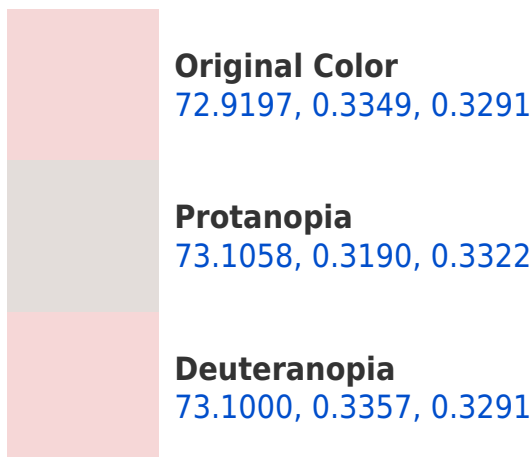


This preview shows how white text looks on a background with the Yxy color 72.9197, 0.3349, 0.3291.

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





Tritanopia

73.0198, 0.3267, 0.3127

Trichromacy



Original Color

72.9197, 0.3349, 0.3291

Protanomaly

73.1652, 0.3249, 0.3312

Deuteranomaly

73.1000, 0.3357, 0.3291

Tritanomaly

73.0678, 0.3294, 0.3188

Monochromacy



Original Color

72.9197, 0.3349, 0.3291

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0892, 0.3206, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9197, 0.3349, 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(245, 215, 215)` looks like.

```
.text, #text, p{  
    color:rgb(245, 215, 215)  
}
```

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(245, 215, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 215, 215) }
```

Border

The CSS property to change the border of an element to Yxy 72.9197, 0.3349, 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(245, 215, 215) }
```

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

```
.border{ border-color:rgb(245, 215, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 215, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 215, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 215, 215);  
box-shadow:4px 4px 4px 4px rgb(245, 215,  
215) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9197, 0.3349, 0.3291$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 215, 215) }
```

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

```
.background{ background-color: rgb(245,  
215, 215) }
```

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