

Converting Colors

$Yxy(72.9846, 0.3340, 0.3241)$

Have a look what the booklet for
Yxy(72.9846, 0.3340, 0.3241)
contains.

Yxy(72.9818, 0.3337, 0.3239)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.9818, 0.3337, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	F7D6DB
RGB	247, 214, 219
RGB Percent	97%, 84%, 86%
CMY	0.0314, 0.1608, 0.1411
CMYK	0.00, 0.13, 0.11, 0.03
HSL	351°, 67%, 90%
HSV	351°, 13%, 97%
XYZ	75.1900, 72.9818, 77.1503
YIQ	224.4370, 18.0630, 8.5510

Conversions

Conversions Part 2

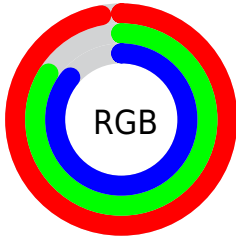
Format	Color
R _Y B	247, 214, 219
Decimal	16242395
CIE Lab	88.44, 12.26, 1.77
CIE LCh	88, 12.386, 8.195
Yxy	72.9818, 0.3337, 0.3239
Android (android.graphics.Color)	4294432475 (0xFFFF7D6DB)
YUV	224.4370, -2.6804, 19.7878
Hunter-Lab	85.4294, 7.6038, 6.2565

Details

The Yxy color **72.9818, 0.3337, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2250, 0.2951, 0.3342**, and the grayscale version is **74.8821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4238, 0.3385, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **60.3810, 0.3539, 0.3198**, and if you desaturate by 10%, it is **87.6236, 0.3174, 0.3278**.

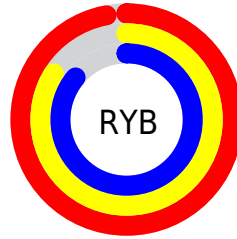
Distribution



Red (97%)

Green (84%)

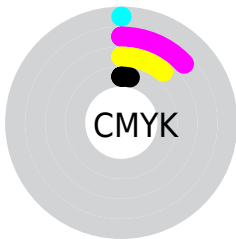
Blue (86%)



Red (97%)

Yellow (84%)

Blue (86%)

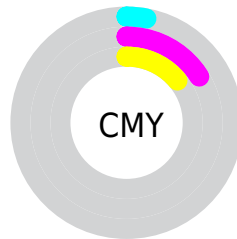


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (3%)



Cyan (3%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9818, 0.3337, 0.3239 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 72.9818, 0.3337, 0.3239 by changing the saturation by 10% instead.


 72.9818, 0.3337,
0.3239

 72.9818, 0.3337,
0.3239

470.9517, 0.3240,
0.3263

 53.9611, 0.3359,
0.3233


123.4514, 0.3303,
0.3247

 38.5705, 0.3387,
0.3226


155.6690, 0.3290,
0.3251

 26.4258, 0.3422,
0.3217


193.0544, 0.3279,
0.3254

 17.1425, 0.3468,
0.3205

235.9920, 0.3269,
0.3256

 10.3361, 0.3531,
0.3189

284.8661, 0.3260,
0.3258

 5.6224, 0.3623,
0.3164

340.0612, 0.3253,

 2.6169, 0.3768,

0.3260

0.3125

401.9616, 0.3246,
0.3262

0.9351, 0.4034,
0.3050

0.0000, 1.0000,
0.0000

72.9818, 0.3337,
0.3239

72.9818, 0.3337,
0.3239

60.3810, 0.3539,
0.3198

87.6236, 0.3174,
0.3278

49.7211, 0.3789,
0.3157

98.5130, 0.3078,
0.3290

40.9084, 0.4095,
0.3117

33.8376, 0.4458,
0.3085

■ 28.3926, 0.4871,
0.3066

■ 24.4432, 0.5309,
0.3069

■ 21.8392, 0.5725,
0.3100

■ 20.3986, 0.6060,
0.3157

■ 19.9097, 0.6221,
0.3201

Harmonies

Analogous

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



72.9818, 0.3204, 0.3125



72.9818, 0.3337, 0.3239



72.9818, 0.3413, 0.3368

Triad

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



72.9818, 0.3337, 0.3239



72.9818, 0.3196, 0.3541



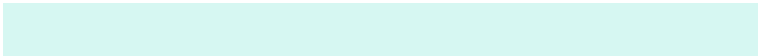
72.9818, 0.2851, 0.3093

Complementary

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



72.9818, 0.3337, 0.3239



87.2250, 0.2951, 0.3342

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.



72.9818, 0.2849, 0.3201



72.9818, 0.3337, 0.3239



72.9818, 0.3046, 0.3464

Square

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



72.9818, 0.3337, 0.3239



72.9818, 0.3330, 0.3545



72.9818, 0.2920, 0.3338



72.9818, 0.2925, 0.3041

Rectangle

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



72.9818, 0.3337, 0.3239



72.9818, 0.3421, 0.3447



72.9818, 0.2920, 0.3338



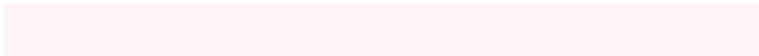
72.9818, 0.2842, 0.3124

Sweetspot

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



72.9850, 0.3337, 0.3239



93.1191, 0.3184, 0.3275



73.6000, 0.3104, 0.2956



19.6631, 0.3195, 0.3272



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

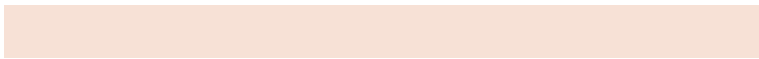
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.9850, 0.3337, 0.3239



74.6426, 0.3387, 0.3228



78.4804, 0.3357, 0.3403



16.5235, 0.3270, 0.3254



10.5430, 0.6191, 0.3184



0.9387, 0.5889, 0.3018

Inverse Universe

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



72.9850, 0.3337, 0.3239



74.6426, 0.3387, 0.3228



81.0022, 0.2920, 0.3174



16.5235, 0.3270, 0.3254



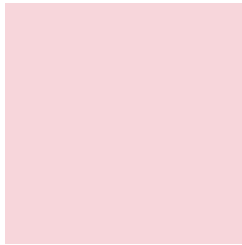
10.5430, 0.6191, 0.3184



0.9387, 0.5889, 0.3018

Previews

White Background



This preview shows how the Yxy color 72.9818, 0.3337, 0.3239 looks on a white background.

Color Contrast Check

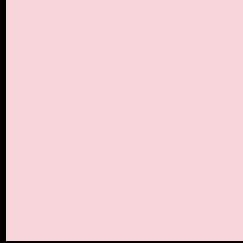
Large Text (above 18pt) WCAG AA × Fail

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 72.9818, 0.3337, 0.3239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

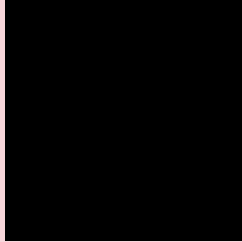
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9818, 0.3337, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 72.9818, 0.3337, 0.3239.



This preview shows how white text looks on a background with the Yxy color 72.9818, 0.3337, 0.3239.

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

72.9818, 0.3337, 0.3239

Protanopia

73.2094, 0.3149, 0.3269

Deuteranopia

73.1278, 0.3321, 0.3249



Tritanopia

72.7006, 0.3276, 0.3117

Trichromacy



Original Color

72.9818, 0.3337, 0.3239

Protanomaly

72.9092, 0.3216, 0.3248

Deuteranomaly

73.3082, 0.3328, 0.3249

Tritanomaly

72.9812, 0.3303, 0.3168

Monochromacy



Original Color

72.9818, 0.3337, 0.3239

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.6161, 0.3200, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9818, 0.3337, 0.3239 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(247, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(247, 214, 219)  
}
```

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(247, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 214, 219) }
```

Border

The CSS property to change the border of an element to Yxy 72.9818, 0.3337, 0.3239 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(247, 214, 219) }
```

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

```
.border{ border-color:rgb(247, 214, 219) }
```

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

Here you see how a box with a 4 pixel rgb(247, 214, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 214,  
219) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9818, 0.3337, 0.3239$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 214, 219) }
```

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

```
.background{ background-color: rgb(247,  
214, 219) }
```

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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