

Converting Colors

$Yxy(73.0546, 0.3316, 0.3264)$

Have a look what the booklet for
Yxy(73.0546, 0.3316, 0.3264)
contains.

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Color

Yxy(72.8959, 0.3321, 0.3259)

Conversions

Conversions Part 1

Format	Color
Hex	F4D7DA
RGB	244, 215, 218
RGB Percent	96%, 84%, 85%
CMY	0.0429, 0.1569, 0.1450
CMYK	0.00, 0.12, 0.11, 0.04
HSL	354°, 57%, 90%
HSV	354°, 12%, 96%
XYZ	74.2827, 72.8959, 76.4971
YIQ	224.0130, 16.3210, 7.0810

Conversions

Conversions Part 2

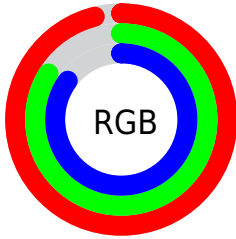
Format	Color
R _Y B	244, 215, 218
Decimal	16046042
CIE Lab	88.40, 10.57, 2.20
CIE LCh	88, 10.795, 11.756
Yxy	72.8959, 0.3321, 0.3259
Android (android.graphics.Color)	4294236122 (0xFFF4D7DA)
YUV	224.0130, -2.9644, 17.5286
Hunter-Lab	85.3791, 5.8876, 6.6433

Details

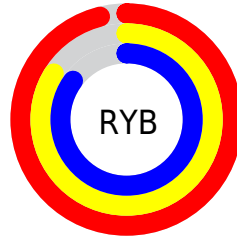
The Yxy color **72.8959, 0.3321, 0.3259** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5391, 0.2961, 0.3321**, and the grayscale version is **74.5712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4773, 0.3373, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **60.3141, 0.3528, 0.3231**, and if you desaturate by 10%, it is **87.4892, 0.3155, 0.3285**.

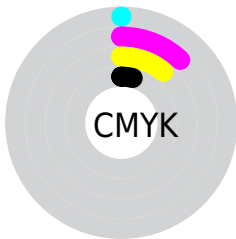
Distribution



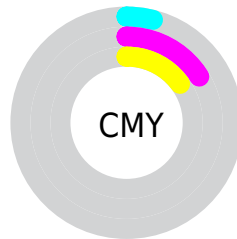
- Red (96%)
- Green (84%)
- Blue (85%)



- Red (96%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8959, 0.3321, 0.3259 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 72.8959, 0.3321, 0.3259 by changing the saturation by 10% instead.


 72.8959, 0.3321,
0.3259

 72.8959, 0.3321,
0.3259

470.6539, 0.3231,
0.3274

 53.8908, 0.3342,
0.3255


123.3294, 0.3290,
0.3264

 38.5144, 0.3367,
0.3251


155.5267, 0.3278,
0.3266

 26.3822, 0.3400,
0.3245


192.8901, 0.3267,
0.3268

 17.1098, 0.3442,
0.3238

235.8041, 0.3258,
0.3270

 10.3128, 0.3501,
0.3227

284.6531, 0.3250,
0.3271

 5.6068, 0.3586,
0.3211

339.8215, 0.3243,

 2.6075, 0.3721,

0.3272

0.3184

401.6936, 0.3237,
0.3273

0.9304, 0.3972,
0.3135

0.0000, 1.0000,
0.0000

72.8959, 0.3321,
0.3259

72.8959, 0.3321,
0.3259

60.3141, 0.3528,
0.3231

87.4892, 0.3155,
0.3285

49.6463, 0.3785,
0.3203

97.9853, 0.3060,
0.3290

40.8016, 0.4100,
0.3176

33.6780, 0.4476,
0.3154

■ 28.1630, 0.4906,
0.3141

■ 24.1312, 0.5361,
0.3144

■ 21.4384, 0.5788,
0.3166

■ 19.9116, 0.6125,
0.3208

■ 19.3176, 0.6301,
0.3245

Harmonies

Analogous

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



72.8959, 0.3210, 0.3156



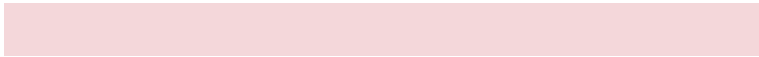
72.8959, 0.3321, 0.3259



72.8959, 0.3380, 0.3372

Triad

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



72.8959, 0.3321, 0.3259



72.8959, 0.3172, 0.3503



72.8959, 0.2890, 0.3111

Complementary

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



72.8959, 0.3321, 0.3259



85.5391, 0.2961, 0.3321

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.



72.8959, 0.2881, 0.3200



72.8959, 0.3321, 0.3259



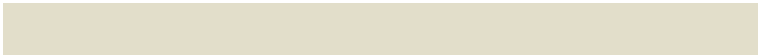
72.8959, 0.3042, 0.3430

Square

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



72.8959, 0.3321, 0.3259



72.8959, 0.3292, 0.3515



72.8959, 0.2936, 0.3318



72.8959, 0.2962, 0.3071

Rectangle

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



72.8959, 0.3321, 0.3259



72.8959, 0.3381, 0.3438



72.8959, 0.2936, 0.3318



72.8959, 0.2880, 0.3136

Sweetspot

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



72.8991, 0.3321, 0.3259



93.0894, 0.3187, 0.3280



73.7702, 0.3117, 0.2994



19.6556, 0.3199, 0.3278



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

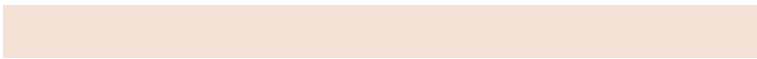
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.8991, 0.3321, 0.3259



77.4090, 0.3361, 0.3253



78.6144, 0.3328, 0.3406



16.5106, 0.3277, 0.3266



10.5065, 0.6279, 0.3232



0.9326, 0.6036, 0.3099

Inverse Universe

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



72.8991, 0.3321, 0.3259



77.4090, 0.3361, 0.3253



79.2112, 0.2942, 0.3172



16.5106, 0.3277, 0.3266



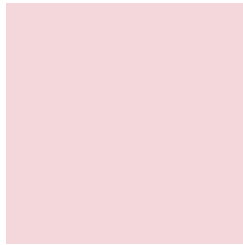
10.5065, 0.6279, 0.3232



0.9326, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 72.8959, 0.3321, 0.3259 looks on a white background.

Color Contrast Check

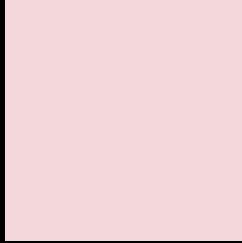
Large Text (above 18pt) WCAG AA × Fail

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 72.8959, 0.3321, 0.3259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

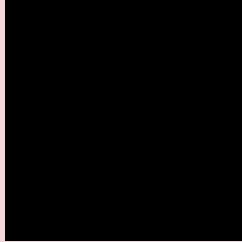
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.8959, 0.3321, 0.3259

Background



This preview shows how black text looks on a background with the Yxy color 72.8959, 0.3321, 0.3259.



This preview shows how white text looks on a background with the Yxy color 72.8959, 0.3321, 0.3259.

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

72.8959, 0.3321, 0.3259

Protanopia

73.1021, 0.3163, 0.3290

Deuteranopia

73.0753, 0.3328, 0.3260



Tritanopia

72.8945, 0.3253, 0.3116

Trichromacy



Original Color

72.8959, 0.3321, 0.3259

Protanomaly

73.1540, 0.3221, 0.3280

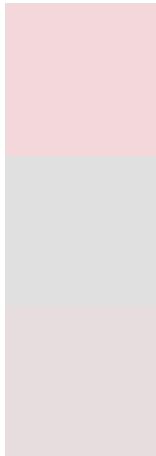
Deuteranomaly

73.0753, 0.3328, 0.3260

Tritanomaly

72.9966, 0.3273, 0.3167

Monochromacy



Original Color

72.8959, 0.3321, 0.3259

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.9758, 0.3192, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8959, 0.3321, 0.3259 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, 215, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 215, 218)  
}
```

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, 215, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 215, 218) }
```

Border

The CSS property to change the border of an element to Yxy 72.8959, 0.3321, 0.3259 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, 215, 218) }
```

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

```
.border{ border-color:rgb(244, 215, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 215, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 215, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 215, 218);  
box-shadow:4px 4px 4px 4px rgb(244, 215,  
218) }
```


Background

The CSS property to change the background color of an element to `rgb(72.8959, 0.3321, 0.3259)` is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 215, 218) }
```

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

```
.background{ background-color: rgb(244,  
215, 218) }
```

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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