

Converting Colors

$Yxy(72.2405, 0.3300, 0.3268)$

Have a look what the booklet for
Yxy(72.2405, 0.3300, 0.3268)
contains.

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Color

Yxy(72.1359, 0.3298, 0.3270)

Conversions

Conversions Part 1

Format	Color
Hex	F0D7D9
RGB	240, 215, 217
RGB Percent	94%, 84%, 85%
CMY	0.0589, 0.1568, 0.1492
CMYK	0.00, 0.10, 0.10, 0.06
HSL	355°, 45%, 89%
HSV	355°, 10%, 94%
XYZ	72.7536, 72.1359, 75.7096
YIQ	222.7030, 14.2580, 5.9220

Conversions

Conversions Part 2

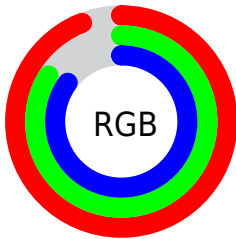
Format	Color
R _Y B	240, 215, 217
Decimal	15783897
CIE Lab	88.03, 8.96, 2.18
CIE LCh	88, 9.218, 13.704
Yxy	72.1359, 0.3298, 0.3270
Android (android.graphics.Color)	4293973977 (0xFFFF0D7D9)
YUV	222.7030, -2.8116, 15.1695
Hunter-Lab	84.9329, 4.2708, 6.6016

Details

The Yxy color **72.1359, 0.3298, 0.3270** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9391, 0.2978, 0.3310**, and the grayscale version is **73.5828, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.9406, 0.3343, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **59.7243, 0.3504, 0.3250**, and if you desaturate by 10%, it is **86.5010, 0.3133, 0.3289**.

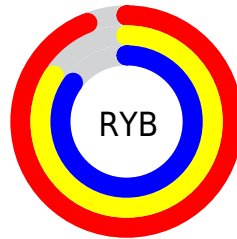
Distribution



Red (94%)

Green (84%)

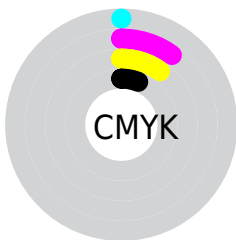
Blue (85%)



Red (94%)

Yellow (84%)

Blue (85%)

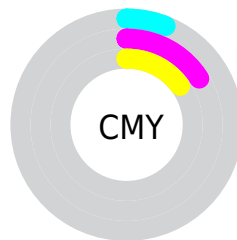


Cyan (0%)

Magenta (10%)

Yellow (10%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.1359, 0.3298, 0.3270 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 72.1359, 0.3298, 0.3270 by changing the saturation by 10% instead.


 72.1359, 0.3298,
0.3270

 72.1359, 0.3298,
0.3270

468.0145, 0.3219,
0.3280

 53.2697, 0.3316,
0.3268


122.2497, 0.3270,
0.3273

 38.0181, 0.3339,
0.3265


154.2661, 0.3260,
0.3275

 25.9967, 0.3368,
0.3261


191.4347, 0.3250,
0.3276

 16.8212, 0.3406,
0.3256

234.1399, 0.3242,
0.3277

 10.1071, 0.3458,
0.3248

282.7661, 0.3235,
0.3278

 5.4700, 0.3533,
0.3237

337.6977, 0.3229,

 2.5256, 0.3654,

0.3279

0.3218

399.3190, 0.3224,
0.3279

0.8894, 0.3887,
0.3189

0.0000, 1.0000,
0.0000

72.1359, 0.3298,
0.3270

72.1359, 0.3298,
0.3270

59.7243, 0.3504,
0.3250

86.5010, 0.3133,
0.3289

49.1727, 0.3760,
0.3229

97.2637, 0.3035,
0.3290

40.3945, 0.4075,
0.3208

33.2922, 0.4454,
0.3192

■ 27.7591, 0.4888,
0.3182

■ 23.6761, 0.5351,
0.3183

■ 20.9071, 0.5788,
0.3200

■ 19.2903, 0.6133,
0.3231

■ 18.5698, 0.6334,
0.3263

Harmonies

Analogous

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



72.1359, 0.3205, 0.3180



72.1359, 0.3298, 0.3270



72.1359, 0.3345, 0.3367

Triad

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



72.1359, 0.3298, 0.3270



72.1359, 0.3159, 0.3469



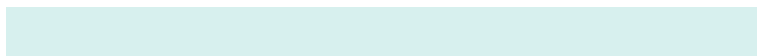
72.1359, 0.2926, 0.3133

Complementary

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



72.1359, 0.3298, 0.3270



82.9391, 0.2978, 0.3310

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.



72.1359, 0.2915, 0.3207



72.1359, 0.3298, 0.3270



72.1359, 0.3048, 0.3404

Square

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



72.1359, 0.3298, 0.3270



72.1359, 0.3263, 0.3484



72.1359, 0.2959, 0.3307



72.1359, 0.2991, 0.3101

Rectangle

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



72.1359, 0.3298, 0.3270



72.1359, 0.3343, 0.3423



72.1359, 0.2959, 0.3307



72.1359, 0.2916, 0.3153

Sweetspot

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



72.1391, 0.3298, 0.3270



94.7699, 0.3173, 0.3284



73.0597, 0.3124, 0.3033



19.9930, 0.3185, 0.3283



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.



72.1391, 0.3298, 0.3270



80.3211, 0.3329, 0.3267



77.5087, 0.3299, 0.3399



15.7789, 0.3281, 0.3272



10.1737, 0.6315, 0.3253



0.8532, 0.6112, 0.3141

Inverse Universe

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



72.1391, 0.3298, 0.3270



80.3211, 0.3329, 0.3267



77.1018, 0.2966, 0.3179



15.7789, 0.3281, 0.3272



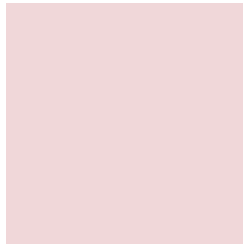
10.1737, 0.6315, 0.3253



0.8532, 0.6112, 0.3141

Previews

White Background



This preview shows how the Yxy color 72.1359, 0.3298, 0.3270 looks on a white background.

Color Contrast Check

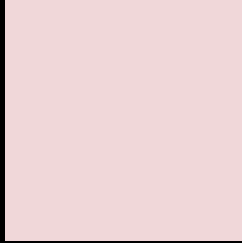
Large Text (above 18pt) WCAG AA × Fail

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 72.1359, 0.3298, 0.3270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

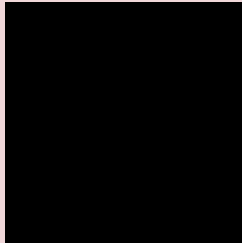
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

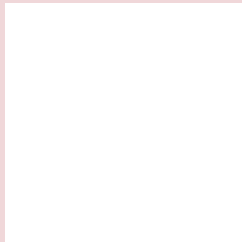
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.1359, 0.3298, 0.3270

Background



This preview shows how black text looks on a background with the Yxy color 72.1359, 0.3298, 0.3270.



This preview shows how white text looks on a background with the Yxy color 72.1359, 0.3298, 0.3270.

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

72.1359, 0.3298, 0.3270

Protanopia

72.3613, 0.3163, 0.3290

Deuteranopia

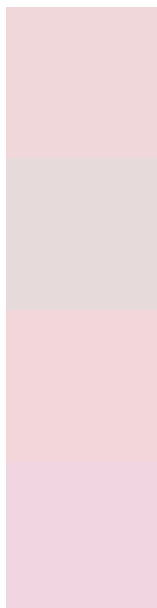
72.3360, 0.3329, 0.3259



Tritanopia

72.1789, 0.3223, 0.3115

Trichromacy



Original Color

72.1359, 0.3298, 0.3270

Protanomaly

72.0803, 0.3207, 0.3280

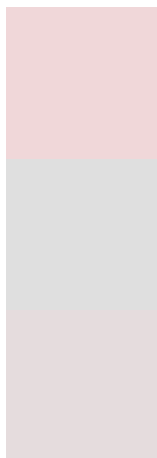
Deuteranomaly

72.1576, 0.3321, 0.3259

Tritanomaly

72.2301, 0.3250, 0.3176

Monochromacy



Original Color

72.1359, 0.3298, 0.3270

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0649, 0.3185, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.1359, 0.3298, 0.3270 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(240, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(240, 215, 217)  
}
```

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(240, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 215, 217) }
```

Border

The CSS property to change the border of an element to Yxy 72.1359, 0.3298, 0.3270 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(240, 215, 217) }
```

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

```
.border{ border-color:rgb(240, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(240, 215,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 72.1359, 0.3298, 0.3270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 215, 217) }
```

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

```
.background{ background-color: rgb(240,  
215, 217) }
```

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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