

# Converting Colors

Yxy(71.9120, 0.3341, 0.3319)

Have a look what the booklet for  
Yxy(71.9120, 0.3341, 0.3319)  
contains.

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# Color

**Yxy(72.0551, 0.3341, 0.3322)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F1D7D4
RGB	241, 215, 212
RGB Percent	95%, 84%, 83%
CMY	0.0548, 0.1569, 0.1686
CMYK	0.00, 0.11, 0.12, 0.05
HSL	6°, 51%, 89%
HSV	6°, 12%, 95%
XYZ	72.4672, 72.0551, 72.3805
YIQ	222.4320, 16.4590, 4.5790

# Conversions

## Conversions Part 2

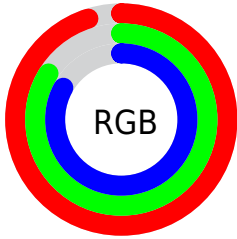
Format	Color
R <sub>Y</sub> B	241, 215, 212
Decimal	15849428
CIE Lab	88.00, 8.52, 4.75
CIE LCh	88, 9.758, 29.149
Yxy	72.0551, 0.3341, 0.3322
Android (android.graphics.Color)	4294039508 (0xFFFF1D7D4)
YUV	222.4320, -5.1430, 16.2841
Hunter-Lab	84.8853, 3.8376, 8.8640

# Details

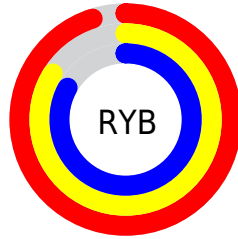
The Yxy color  $72.0551, 0.3341, 0.3322$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $81.5234, 0.2942, 0.3258$ , and the grayscale version is  $73.4007, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $37.8902, 0.3400, 0.3332$  is the 20% darker color. If you saturate the color by 10%, you get  $60.6381, 0.3564, 0.3351$ , and if you desaturate by 10%, it is  $85.1152, 0.3160, 0.3295$ .

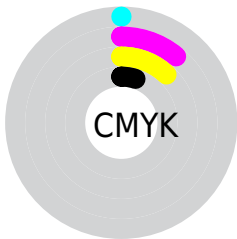
# Distribution



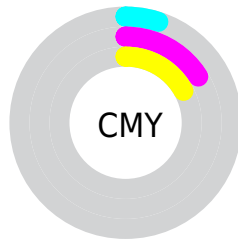
- Red (95%)
- Green (84%)
- Blue (83%)



- Red (95%)
- Yellow (84%)
- Blue (83%)



- Cyan (0%)
- Magenta (11%)
- Yellow (12%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.0551, 0.3341, 0.3322 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 72.0551, 0.3341, 0.3322 by changing the saturation by 10% instead.




 72.0551, 0.3341,  
0.3322

 72.0551, 0.3341,  
0.3322


467.7334, 0.3241,  
0.3308

 53.2037, 0.3364,  
0.3325


122.1349, 0.3306,  
0.3317

 37.9654, 0.3392,  
0.3329


154.1320, 0.3293,  
0.3315

 25.9558, 0.3429,  
0.3333


191.2798, 0.3281,  
0.3314

 16.7906, 0.3476,  
0.3338

233.9628, 0.3271,  
0.3312

 10.0853, 0.3542,  
0.3345

282.5652, 0.3262,  
0.3311

 5.4556, 0.3638,  
0.3354

337.4715, 0.3255,

 2.5170, 0.3790,

0.3310

399.0661, 0.3248,  
0.3309

0.3366

0.8851, 0.4130,  
0.3426

0.0000, 0.0000,  
0.0000

72.0551, 0.3341,  
0.3322

72.0551, 0.3341,  
0.3322

60.6381, 0.3564,  
0.3351

85.1152, 0.3160,  
0.3295

50.7899, 0.3838,  
0.3380

97.4457, 0.3042,  
0.3290

42.4449, 0.4170,  
0.3409

35.5290, 0.4560,  
0.3433

■ 29.9617, 0.4999,  
0.3448

■ 25.6547, 0.5453,  
0.3447

■ 22.5091, 0.5868,  
0.3427

■ 20.4109, 0.6180,  
0.3388

■ 19.3930, 0.6333,  
0.3353

# Harmonies

## Analogous

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



72.0551, 0.3265, 0.3220



72.0551, 0.3341, 0.3322



72.0551, 0.3358, 0.3418

# Triad

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



72.0551, 0.3341, 0.3322



72.0551, 0.3099, 0.3450



72.0551, 0.2943, 0.3100

# Complementary

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



72.0551, 0.3341, 0.3322



81.5234, 0.2942, 0.3258

# 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.



72.0551, 0.2901, 0.3157



72.0551, 0.3341, 0.3322



72.0551, 0.2990, 0.3360

# Square

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



72.0551, 0.3341, 0.3322



72.0551, 0.3217, 0.3495



72.0551, 0.2918, 0.3252



72.0551, 0.3035, 0.3093



# Rectangle

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



72.0551, 0.3341, 0.3322



72.0551, 0.3334, 0.3465



72.0551, 0.2918, 0.3252



72.0551, 0.2923, 0.3114

# Sweetspot

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



72.0583, 0.3341, 0.3322



93.6607, 0.3193, 0.3300



71.9773, 0.3161, 0.3022



19.7995, 0.3205, 0.3302



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

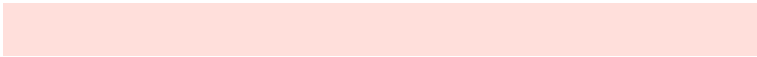


# Same Dimension

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



72.0583, 0.3341, 0.3322



79.1524, 0.3382, 0.3328



79.7309, 0.3322, 0.3471



16.0206, 0.3291, 0.3315



10.6034, 0.6318, 0.3366



0.9690, 0.6144, 0.3504

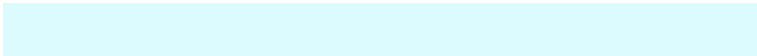


# Inverse Universe

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



81.5234, 0.2942, 0.3258



91.5241, 0.2912, 0.3252



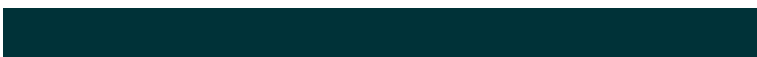
73.4560, 0.2939, 0.3102



17.6346, 0.2981, 0.3265



30.2458, 0.2157, 0.2963

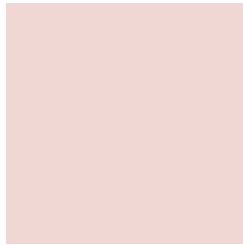


2.5956, 0.2170, 0.3010



# Previews

## White Background



This preview shows how the Yxy color 72.0551, 0.3341, 0.3322 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

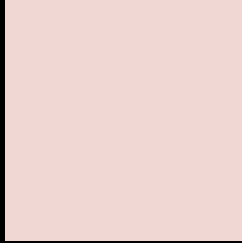
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 72.0551, 0.3341, 0.3322 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

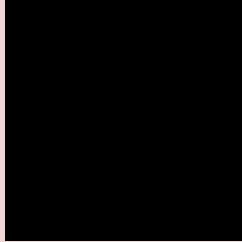
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

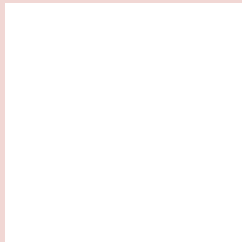
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 72.0551, 0.3341, 0.3322**

## **Background**



This preview shows how black text looks on a background with the Yxy color 72.0551, 0.3341, 0.3322.

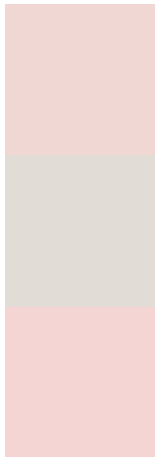


This preview shows how white text looks on a background with the Yxy color 72.0551, 0.3341, 0.3322.

# 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

72.0551, 0.3341, 0.3322

### Protanopia

72.2614, 0.3204, 0.3344

### Deuteranopia

71.7544, 0.3374, 0.3301



## Tritanopia

71.7988, 0.3239, 0.3115

# Trichromacy



## Original Color

72.0551, 0.3341, 0.3322

## Protanomaly

71.9868, 0.3249, 0.3333

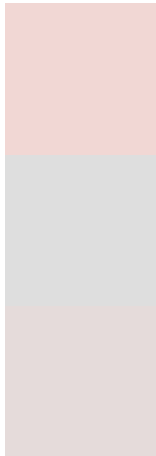
## Deuteranomaly

72.0797, 0.3365, 0.3312

## Tritanomaly

71.7935, 0.3272, 0.3186

# Monochromacy



## Original Color

72.0551, 0.3341, 0.3322

## Achromatopsia

73.0461, 0.3127, 0.3290

## Achromatomaly

72.3830, 0.3206, 0.3301

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.0551, 0.3341, 0.3322 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(241, 215, 212)` looks like.

```
.text, #text, p{  
    color:rgb(241, 215, 212)  
}
```

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(241, 215, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 215, 212) }
```

## Border

The CSS property to change the border of an element to Yxy 72.0551, 0.3341, 0.3322 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(241, 215, 212) }
```

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

```
.border{ border-color:rgb(241, 215, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 215, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(241, 215,  
212) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.0551, 0.3341, 0.3322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 215, 212) }
```

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

```
.background{ background-color: rgb(241,  
215, 212) }
```

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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