

Converting Colors

$Yxy(71.5868, 0.3320, 0.3255)$

Have a look what the booklet for
Yxy(71.5868, 0.3320, 0.3255)
contains.

Yxy(71.4755, 0.3315, 0.3249)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.4755, 0.3315, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F2D5D9
RGB	242, 213, 217
RGB Percent	95%, 84%, 85%
CMY	0.0511, 0.1646, 0.1491
CMYK	0.00, 0.12, 0.10, 0.05
HSL	352°, 53%, 89%
HSV	352°, 12%, 95%
XYZ	72.9274, 71.4755, 75.5894
YIQ	222.1270, 16.0000, 7.3920

Conversions

Conversions Part 2

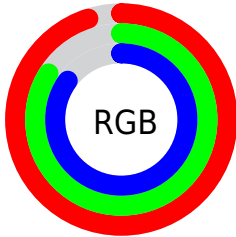
Format	Color
R _Y B	242, 213, 217
Decimal	15914457
CIE Lab	87.72, 10.69, 1.73
CIE LCh	88, 10.831, 9.184
Yxy	71.4755, 0.3315, 0.3249
Android (android.graphics.Color)	4294104537 (0xFFF2D5D9)
YUV	222.1270, -2.5276, 17.4286
Hunter-Lab	84.5432, 6.0246, 6.1695

Details

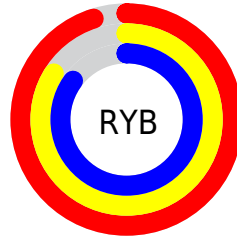
The Yxy color **71.4755, 0.3315, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.8085, 0.2966, 0.3332**, and the grayscale version is **73.1504, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5015, 0.3366, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **59.1807, 0.3514, 0.3212**, and if you desaturate by 10%, it is **85.7301, 0.3155, 0.3284**.

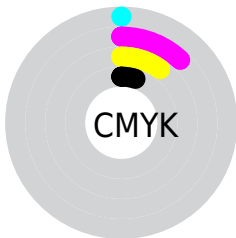
Distribution



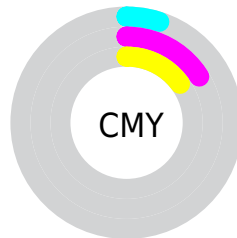
- Red (95%)
- Green (84%)
- Blue (85%)



- Red (95%)
- Yellow (84%)
- Blue (85%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (5%)




- Cyan (5%)
- Magenta (16%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4755, 0.3315, 0.3249 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 71.4755, 0.3315, 0.3249 by changing the saturation by 10% instead.


 71.4755, 0.3315,
0.3249

 71.4755, 0.3315,
0.3249

465.7139, 0.3228,
0.3269

 52.7303, 0.3335,
0.3244


121.3105, 0.3285,
0.3256

 37.5875, 0.3360,
0.3239


153.1692, 0.3273,
0.3259

 25.6627, 0.3392,
0.3231


190.1678, 0.3263,
0.3261

 16.5715, 0.3434,
0.3222

232.6908, 0.3254,
0.3263

 9.9295, 0.3491,
0.3208

281.1225, 0.3246,
0.3264

 5.3522, 0.3575,
0.3188

335.8473, 0.3239,

 2.4554, 0.3709,

0.3266

0.3154

397.2497, 0.3233,
0.3267

0.8542, 0.3969,
0.3097

0.0000, 1.0000,
0.0000

71.4755, 0.3315,
0.3249

71.4755, 0.3315,
0.3249

59.1807, 0.3514,
0.3212

85.7301, 0.3155,
0.3284

48.7510, 0.3761,
0.3175

97.6120, 0.3047,
0.3290

40.0980, 0.4064,
0.3139

33.1224, 0.4425,
0.3109

■ 27.7151, 0.4839,
0.3091

■ 23.7542, 0.5281,
0.3091

■ 21.0994, 0.5706,
0.3117

■ 19.5828, 0.6053,
0.3167

■ 18.9829, 0.6247,
0.3215

Harmonies

Analogous

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



71.4755, 0.3199, 0.3147



71.4755, 0.3315, 0.3249



71.4755, 0.3380, 0.3363

Triad

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



71.4755, 0.3315, 0.3249



71.4755, 0.3184, 0.3509



71.4755, 0.2885, 0.3115

Complementary

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



71.4755, 0.3315, 0.3249



83.8085, 0.2966, 0.3332

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.



71.4755, 0.2881, 0.3209



71.4755, 0.3315, 0.3249



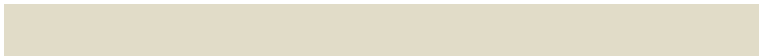
71.4755, 0.3052, 0.3440

Square

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



71.4755, 0.3315, 0.3249



71.4755, 0.3303, 0.3516



71.4755, 0.2942, 0.3328



71.4755, 0.2952, 0.3070

Rectangle

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



71.4755, 0.3315, 0.3249



71.4755, 0.3385, 0.3432



71.4755, 0.2942, 0.3328



71.4755, 0.2876, 0.3141

Sweetspot

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



71.4787, 0.3315, 0.3249



93.1099, 0.3185, 0.3277



72.1193, 0.3110, 0.2992



19.6608, 0.3196, 0.3274



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.



71.4787, 0.3315, 0.3249



77.4722, 0.3353, 0.3242



76.5332, 0.3330, 0.3396



15.7941, 0.3272, 0.3258



10.2120, 0.6219, 0.3200



0.8605, 0.5915, 0.3032

Inverse Universe

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



71.4787, 0.3315, 0.3249



77.4722, 0.3353, 0.3242



78.1794, 0.2942, 0.3182



15.7941, 0.3272, 0.3258



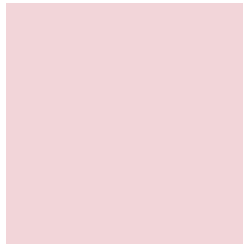
10.2120, 0.6219, 0.3200



0.8605, 0.5915, 0.3032

Previews

White Background



This preview shows how the Yxy color 71.4755, 0.3315, 0.3249 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 71.4755, 0.3315, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

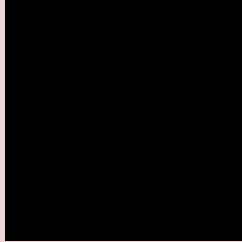
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4755, 0.3315, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 71.4755, 0.3315, 0.3249.



This preview shows how white text looks on a background with the Yxy color 71.4755, 0.3315, 0.3249.

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

71.4755, 0.3315, 0.3249

Protanopia

71.6776, 0.3156, 0.3279

Deuteranopia

71.4755, 0.3315, 0.3249



Tritanopia

71.2447, 0.3246, 0.3115

Trichromacy



Original Color

71.4755, 0.3315, 0.3249

Protanomaly

71.7291, 0.3215, 0.3269

Deuteranomaly

71.4755, 0.3315, 0.3249

Tritanomaly

71.5235, 0.3274, 0.3166

Monochromacy



Original Color

71.4755, 0.3315, 0.3249

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.4884, 0.3192, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4755, 0.3315, 0.3249 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(242, 213, 217)` looks like.

```
.text, #text, p{  
    color:rgb(242, 213, 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(242, 213, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 213, 217) }
```

Border

The CSS property to change the border of an element to Yxy 71.4755, 0.3315, 0.3249 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(242, 213, 217) }
```

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

```
.border{ border-color:rgb(242, 213, 217) }
```

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

Here you see how a box with a 4 pixel rgb(242, 213, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 213, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 213, 217);  
box-shadow:4px 4px 4px 4px rgb(242, 213,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4755, 0.3315, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 213, 217) }
```

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

```
.background{ background-color: rgb(242,  
213, 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](#).

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