

Converting Colors

$Y_{xy}(72.5826, 0.3213, 0.3107)$

Have a look what the booklet for
Yxy(72.5826, 0.3213, 0.3107)
contains.

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Color

Yxy(72.7399, 0.3216, 0.3115)

Conversions

Conversions Part 1

Format	Color
Hex	F2D6E7
RGB	242, 214, 231
RGB Percent	95%, 84%, 91%
CMY	0.0508, 0.1608, 0.0941
CMYK	0.00, 0.12, 0.05, 0.05
HSL	324°, 52%, 89%
HSV	324°, 12%, 95%
XYZ	75.0984, 72.7399, 85.6766
YIQ	224.3100, 11.2310, 11.2230

Conversions

Conversions Part 2

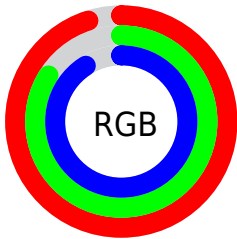
Format	Color
R _Y B	242, 214, 231
Decimal	15914727
CIE Lab	88.32, 12.57, -4.77
CIE LCh	88, 13.446, 339.203
Yxy	72.7399, 0.3216, 0.3115
Android (android.graphics.Color)	4294104807 (0xFFF2D6E7)
YUV	224.3100, 3.2982, 15.5141
Hunter-Lab	85.2877, 7.9212, 0.1410

Details

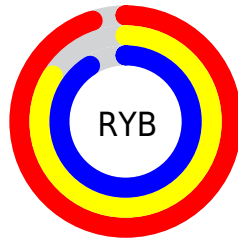
The Yxy color $72.7399, 0.3216, 0.3115$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83.2645, 0.3047, 0.3472$, and the grayscale version is $74.7492, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.3305, 0.3243, 0.3078$ is the 20% darker color. If you saturate the color by 10%, you get $60.8647, 0.3309, 0.2957$, and if you desaturate by 10%, it is $86.4712, 0.3138, 0.3267$.

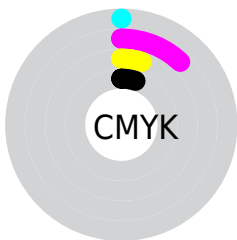
Distribution



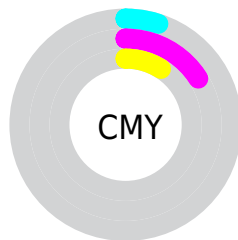
- Red (95%)
- Green (84%)
- Blue (91%)



- Red (95%)
- Yellow (84%)
- Blue (91%)



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





- Cyan (5%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7399, 0.3216, 0.3115 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 72.7399, 0.3216, 0.3115 by changing the saturation by 10% instead.


 72.7399, 0.3216,
0.3115

 72.7399, 0.3216,
0.3115


470.1129, 0.3175,
0.3195

 53.7633, 0.3225,
0.3097

123.1079, 0.3202,
0.3143

 38.4125, 0.3236,
0.3075


155.2681, 0.3197,
0.3153

 26.3030, 0.3251,
0.3047

192.5916, 0.3192,
0.3163

 17.0504, 0.3269,
0.3011

235.4628, 0.3188,
0.3171

 10.2705, 0.3294,
0.2962

284.2662, 0.3184,
0.3178

 5.5786, 0.3329,
0.2893

339.3860, 0.3181,

 2.5906, 0.3383,

0.3184

0.2787

401.2068, 0.3178,
0.3190

0.9219, 0.3477,
0.2604

0.0000, 0.4976,
0.0000

72.7399, 0.3216,
0.3115

72.7399, 0.3216,
0.3115

60.8647, 0.3309,
0.2957

86.4712, 0.3138,
0.3267

50.7555, 0.3418,
0.2795

97.3114, 0.3076,
0.3338

42.3291, 0.3546,
0.2637

97.6252, 0.3048,
0.3290

35.4917, 0.3691,
0.2490

■ 30.1403, 0.3854,
0.2365

■ 26.1597, 0.4030,
0.2274

■ 23.4175, 0.4212,
0.2228

■ 21.7547, 0.4394,
0.2234

■ 20.9818, 0.4543,
0.2276

Harmonies

Analogous

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



72.7399, 0.3052, 0.3035



72.7399, 0.3216, 0.3115



72.7399, 0.3359, 0.3239

Triad

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



72.7399, 0.3216, 0.3115



72.7399, 0.3344, 0.3569



72.7399, 0.2825, 0.3188

Complementary

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



72.7399, 0.3216, 0.3115



83.2645, 0.3047, 0.3472

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.



72.7399, 0.2899, 0.3337



72.7399, 0.3216, 0.3115



72.7399, 0.3197, 0.3561

Square

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



72.7399, 0.3216, 0.3115



72.7399, 0.3434, 0.3500



72.7399, 0.3034, 0.3475



72.7399, 0.2829, 0.3073

Rectangle

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



72.7399, 0.3216, 0.3115



72.7399, 0.3422, 0.3332



72.7399, 0.3034, 0.3475



72.7399, 0.2841, 0.3236

Sweetspot

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



72.7431, 0.3216, 0.3115



95.0232, 0.3148, 0.3246



70.4689, 0.3018, 0.2993



20.0613, 0.3154, 0.3234



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

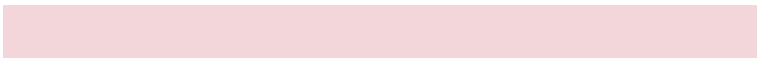
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.7431, 0.3216, 0.3115



78.4267, 0.3237, 0.3077



71.9975, 0.3312, 0.3256



15.9198, 0.3198, 0.3148



11.2945, 0.4515, 0.2261



0.9591, 0.4296, 0.2140

Inverse Universe

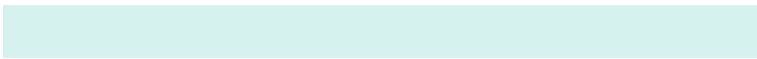
The Inverse Universe completely reimagines the original color for something new.



72.7431, 0.3216, 0.3115



78.4267, 0.3237, 0.3077



84.0444, 0.2968, 0.3324



15.9198, 0.3198, 0.3148



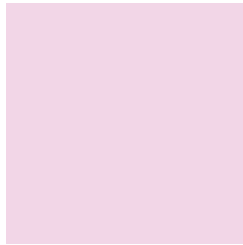
11.2945, 0.4515, 0.2261



0.9591, 0.4296, 0.2140

Previews

White Background



This preview shows how the Yxy color 72.7399, 0.3216, 0.3115 looks on a white background.

Color Contrast Check

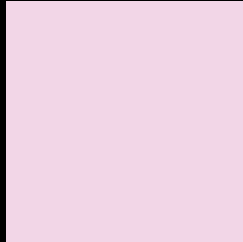
Large Text (above 18pt) WCAG AA × Fail

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 72.7399, 0.3216, 0.3115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

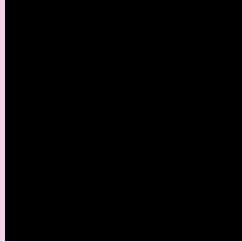
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.7399, 0.3216, 0.3115

Background



This preview shows how black text looks on a background with the Yxy color 72.7399, 0.3216, 0.3115.



This preview shows how white text looks on a background with the Yxy color 72.7399, 0.3216, 0.3115.

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

72.7399, 0.3216, 0.3115

Protanopia

72.7142, 0.3044, 0.3130

Deuteranopia

72.7211, 0.3193, 0.3124



Tritanopia

72.7399, 0.3216, 0.3115

Trichromacy



Original Color

72.7399, 0.3216, 0.3115

Protanomaly

72.7413, 0.3100, 0.3121

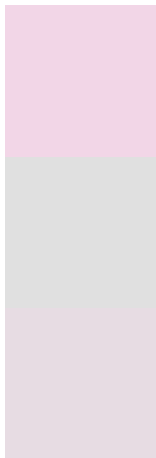
Deuteranomaly

72.8957, 0.3200, 0.3125

Tritanomaly

72.7399, 0.3216, 0.3115

Monochromacy



Original Color

72.7399, 0.3216, 0.3115

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.7214, 0.3159, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7399, 0.3216, 0.3115 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, 214, 231)` looks like.

```
.text, #text, p{  
    color:rgb(242, 214, 231)  
}
```

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, 214, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 214, 231) }
```

Border

The CSS property to change the border of an element to Yxy 72.7399, 0.3216, 0.3115 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, 214, 231) }
```

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

```
.border{ border-color:rgb(242, 214, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 214, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 214, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 214, 231);  
box-shadow:4px 4px 4px 4px rgb(242, 214,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 72.7399, 0.3216, 0.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 214, 231) }
```

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

```
.background{ background-color: rgb(242,  
214, 231) }
```

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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