

Converting Colors

$Y_{xy}(73.8004, 0.3255, 0.3198)$

Have a look what the booklet for
Yxy(73.8004, 0.3255, 0.3198)
contains.

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Color

Yxy(73.9392, 0.3255, 0.3208)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E1
RGB	242, 217, 225
RGB Percent	95%, 85%, 88%
CMY	0.0509, 0.1490, 0.1178
CMYK	0.00, 0.10, 0.07, 0.05
HSL	341°, 49%, 90%
HSV	341°, 10%, 95%
XYZ	75.0225, 73.9392, 81.5221
YIQ	225.3870, 12.3320, 7.7880

Conversions

Conversions Part 2

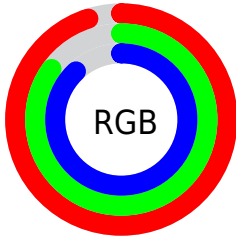
Format	Color
R_{YB}	242, 217, 225
Decimal	15915489
CIE Lab	88.89, 9.96, -0.76
CIE LCh	89, 9.985, 355.653
Yxy	73.9392, 0.3255, 0.3208
Android (android.graphics.Color)	4294105569 (0xFFFF2D9E1)
YUV	225.3870, -0.1908, 14.5696
Hunter-Lab	85.9879, 5.2583, 3.9808

Details

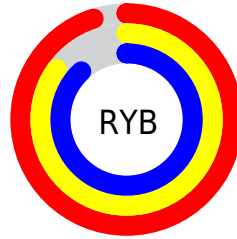
The Yxy color **73.9392, 0.3255, 0.3208** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2144, 0.3014, 0.3374**, and the grayscale version is **75.5849, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1820, 0.3285, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **61.5095, 0.3407, 0.3124**, and if you desaturate by 10%, it is **88.2920, 0.3131, 0.3287**.

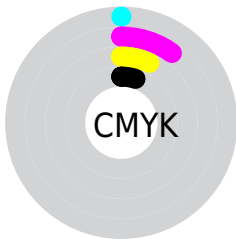
Distribution



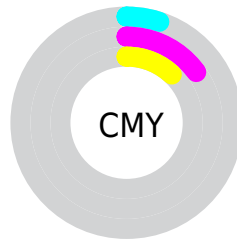
- Red (95%)
- Green (85%)
- Blue (88%)



- Red (95%)
- Yellow (85%)
- Blue (88%)



- Cyan (0%)
- Magenta (10%)
- Yellow (7%)
- Black (5%)





- Cyan (5%)
- Magenta (15%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9392, 0.3255, 0.3208 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 73.9392, 0.3255, 0.3208 by changing the saturation by 10% instead.


 73.9392, 0.3255,
0.3208

 73.9392, 0.3255,
0.3208


474.2635, 0.3196,
0.3246

 54.7443, 0.3268,
0.3199

124.8096, 0.3235,
0.3221

 39.1970, 0.3285,
0.3189


157.2539, 0.3227,
0.3226

 26.9130, 0.3306,
0.3175


194.8834, 0.3220,
0.3231

 17.5079, 0.3333,
0.3158

238.0826, 0.3214,
0.3234

 10.5973, 0.3371,
0.3134

287.2358, 0.3209,
0.3238

 5.7967, 0.3425,
0.3100

342.7274, 0.3204,

 2.7219, 0.3510,

0.3241

0.3047

404.9418, 0.3200,
0.3243

0.9883, 0.3661,
0.2952

0.0000, 1.0000,
0.0000

73.9392, 0.3255,
0.3208

73.9392, 0.3255,
0.3208

61.5095, 0.3407,
0.3124

88.2920, 0.3131,
0.3287

50.9115, 0.3594,
0.3037

97.6213, 0.3048,
0.3290

42.0606, 0.3819,
0.2951

34.8619, 0.4088,
0.2872

■ 29.2115, 0.4400,
0.2811

■ 24.9933, 0.4745,
0.2778

■ 22.0749, 0.5105,
0.2786

■ 20.2984, 0.5449,
0.2842

■ 19.4168, 0.5740,
0.2936

Harmonies

Analogous

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



73.9392, 0.3138, 0.3128



73.9392, 0.3255, 0.3208



73.9392, 0.3338, 0.3310

Triad

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



73.9392, 0.3255, 0.3208



73.9392, 0.3232, 0.3499



73.9392, 0.2897, 0.3165

Complementary

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



73.9392, 0.3255, 0.3208



84.2144, 0.3014, 0.3374

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.



73.9392, 0.2921, 0.3264



73.9392, 0.3255, 0.3208



73.9392, 0.3113, 0.3461

Square

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



73.9392, 0.3255, 0.3208



73.9392, 0.3324, 0.3479



73.9392, 0.2999, 0.3374



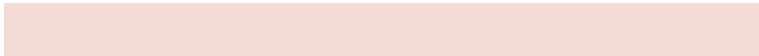
73.9392, 0.2933, 0.3101

Rectangle

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



73.9392, 0.3255, 0.3208



73.9392, 0.3362, 0.3378



73.9392, 0.2999, 0.3374



73.9392, 0.2898, 0.3195

Sweetspot

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



73.9424, 0.3255, 0.3208



94.8843, 0.3162, 0.3267



73.4780, 0.3080, 0.3031



20.0238, 0.3171, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

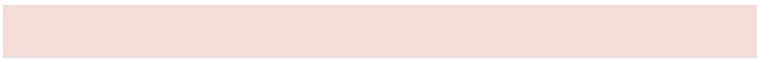
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9424, 0.3255, 0.3208



80.7347, 0.3279, 0.3194



75.6954, 0.3306, 0.3334



15.8417, 0.3243, 0.3215



10.4505, 0.5697, 0.2912



0.8868, 0.5325, 0.2707

Inverse Universe

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



73.9424, 0.3255, 0.3208



80.7347, 0.3279, 0.3194



82.2278, 0.2968, 0.3246



15.8417, 0.3243, 0.3215



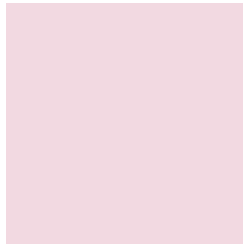
10.4505, 0.5697, 0.2912



0.8868, 0.5325, 0.2707

Previews

White Background



This preview shows how the Yxy color 73.9392, 0.3255, 0.3208 looks on a white background.

Color Contrast Check

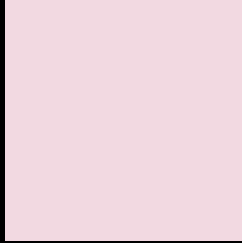
Large Text (above 18pt) WCAG AA × Fail

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 73.9392, 0.3255, 0.3208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

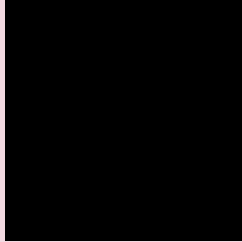
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9392, 0.3255, 0.3208

Background



This preview shows how black text looks on a background with the Yxy color 73.9392, 0.3255, 0.3208.

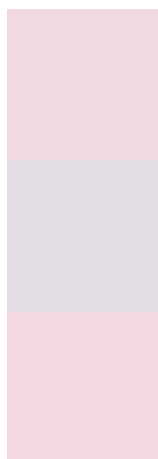


This preview shows how white text looks on a background with the Yxy color 73.9392, 0.3255, 0.3208.

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

73.9392, 0.3255, 0.3208

Protanopia

74.0127, 0.3116, 0.3226

Deuteranopia

73.7811, 0.3270, 0.3198



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

73.9392, 0.3255, 0.3208

Protanomaly

73.8883, 0.3166, 0.3216

Deuteranomaly

73.6027, 0.3263, 0.3197

Tritanomaly

73.8796, 0.3228, 0.3146

Monochromacy



Original Color

73.9392, 0.3255, 0.3208

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6677, 0.3171, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9392, 0.3255, 0.3208 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, 217, 225)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 225)  
}
```

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, 217, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 225) }
```

Border

The CSS property to change the border of an element to Yxy 73.9392, 0.3255, 0.3208 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, 217, 225) }
```

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

```
.border{ border-color:rgb(242, 217, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 217, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 225);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9392, 0.3255, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 217, 225) }
```

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

```
.background{ background-color: rgb(242,  
217, 225) }
```

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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