

Converting Colors

$Yxy(73.8848, 0.3261, 0.3218)$

Have a look what the booklet for
Yxy(73.8848, 0.3261, 0.3218)
contains.

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Color

Yxy(73.8848, 0.3261, 0.3218)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9E0
RGB	242, 217, 224
RGB Percent	95%, 85%, 88%
CMY	0.0512, 0.1489, 0.1215
CMYK	0.00, 0.10, 0.07, 0.05
HSL	343°, 49%, 90%
HSV	343°, 10%, 95%
XYZ	74.8721, 73.8848, 80.8416
YIQ	225.2730, 12.6530, 7.4770

Conversions

Conversions Part 2

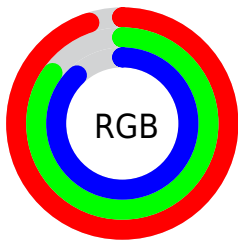
Format	Color
R _Y B	242, 217, 224
Decimal	15915488
CIE Lab	88.87, 9.76, -0.29
CIE LCh	89, 9.762, 358.272
Yxy	73.8848, 0.3261, 0.3218
Android (android.graphics.Color)	4294105568 (0xFFFF2D9E0)
YUV	225.2730, -0.6276, 14.6696
Hunter-Lab	85.9563, 5.0587, 4.4073

Details

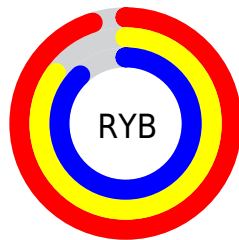
The Yxy color **73.8848, 0.3261, 0.3218** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.2232, 0.3009, 0.3363**, and the grayscale version is **75.4977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1443, 0.3294, 0.3197** is the 20% darker color. If you saturate the color by 10%, you get **61.4175, 0.3421, 0.3144**, and if you desaturate by 10%, it is **88.2839, 0.3131, 0.3288**.

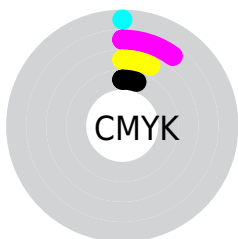
Distribution



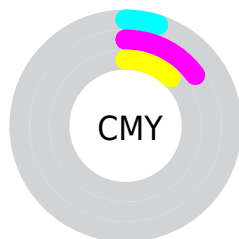
- Red (95%)
- Green (85%)
- Blue (88%)



- 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 73.8848, 0.3261, 0.3218 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 73.8848, 0.3261, 0.3218 by changing the saturation by 10% instead.


 73.8848, 0.3261,
0.3218

 73.8848, 0.3261,
0.3218


474.0757, 0.3199,
0.3251

 54.6998, 0.3275,
0.3210

124.7325, 0.3240,
0.3230

 39.1614, 0.3293,
0.3201


157.1639, 0.3231,
0.3234

 26.8853, 0.3315,
0.3189


194.7796, 0.3224,
0.3238

 17.4871, 0.3343,
0.3174

237.9640, 0.3218,
0.3241

 10.5824, 0.3383,
0.3153

287.1013, 0.3212,
0.3244

 5.7868, 0.3440,
0.3122

342.5762, 0.3207,

 2.7159, 0.3529,

0.3247

0.3074

404.7728, 0.3203,
0.3249

0.9853, 0.3689,
0.2989

0.0000, 1.0000,
0.0000

73.8848, 0.3261,
0.3218

73.8848, 0.3261,
0.3218

61.4175, 0.3421,
0.3144

88.2839, 0.3131,
0.3288

50.7900, 0.3618,
0.3067

97.6076, 0.3047,
0.3290

41.9175, 0.3858,
0.2991

34.7048, 0.4144,
0.2923

■ 29.0473, 0.4476,
0.2870

■ 24.8286, 0.4843,
0.2845

■ 21.9157, 0.5222,
0.2858

■ 20.1504, 0.5579,
0.2917

■ 19.2827, 0.5872,
0.3008

Harmonies

Analogous

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



73.8848, 0.3149, 0.3137



73.8848, 0.3261, 0.3218



73.8848, 0.3338, 0.3319

Triad

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



73.8848, 0.3261, 0.3218



73.8848, 0.3220, 0.3494



73.8848, 0.2903, 0.3160

Complementary

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



73.8848, 0.3261, 0.3218



84.2232, 0.3009, 0.3363

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.



73.8848, 0.2921, 0.3255



73.8848, 0.3261, 0.3218



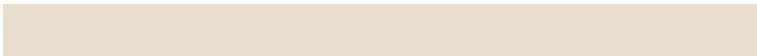
73.8848, 0.3103, 0.3451

Square

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



73.8848, 0.3261, 0.3218



73.8848, 0.3313, 0.3479



73.8848, 0.2994, 0.3363



73.8848, 0.2943, 0.3102

Rectangle

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



73.8848, 0.3261, 0.3218



73.8848, 0.3358, 0.3385



73.8848, 0.2994, 0.3363



73.8848, 0.2902, 0.3189

Sweetspot

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



73.8880, 0.3261, 0.3218



94.8662, 0.3163, 0.3270



73.6881, 0.3089, 0.3033



20.0189, 0.3173, 0.3264



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

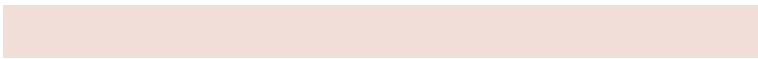
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8880, 0.3261, 0.3218



80.6685, 0.3286, 0.3205



76.3465, 0.3303, 0.3347



15.8317, 0.3249, 0.3224



10.3841, 0.5830, 0.2985



0.8802, 0.5457, 0.2780

Inverse Universe

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



73.8880, 0.3261, 0.3218



80.6685, 0.3286, 0.3205



81.4687, 0.2968, 0.3233



15.8317, 0.3249, 0.3224



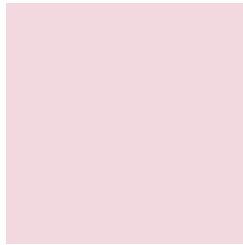
10.3841, 0.5830, 0.2985



0.8802, 0.5457, 0.2780

Previews

White Background



This preview shows how the Yxy color 73.8848, 0.3261, 0.3218 looks on a white background.

Color Contrast Check

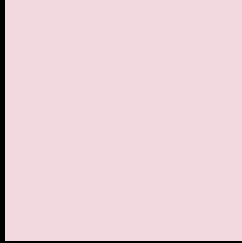
Large Text (above 18pt) WCAG AA × Fail

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 73.8848, 0.3261, 0.3218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

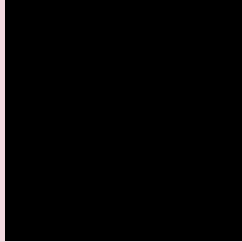
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.8848, 0.3261, 0.3218

Background



This preview shows how black text looks on a background with the Yxy color 73.8848, 0.3261, 0.3218.

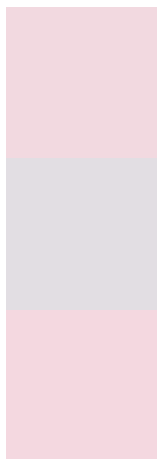


This preview shows how white text looks on a background with the Yxy color 73.8848, 0.3261, 0.3218.

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

73.8848, 0.3261, 0.3218

Protanopia

73.9574, 0.3123, 0.3237

Deuteranopia

73.7266, 0.3277, 0.3208



Tritanopia

74.0496, 0.3208, 0.3116

Trichromacy



Original Color

73.8848, 0.3261, 0.3218

Protanomaly

73.8332, 0.3173, 0.3227

Deuteranomaly

73.5482, 0.3270, 0.3208

Tritanomaly

73.8796, 0.3228, 0.3146

Monochromacy



Original Color

73.8848, 0.3261, 0.3218

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 73.8848, 0.3261, 0.3218 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 224) }
```

Border

The CSS property to change the border of an element to Yxy 73.8848, 0.3261, 0.3218 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, 224) }
```

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

```
.border{ border-color:rgb(242, 217, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 224);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8848, 0.3261, 0.3218 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, 224) }
```

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

```
.background{ background-color: rgb(242,  
217, 224) }
```

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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