

Converting Colors

$Y_{xy}(73.8105, 0.3281, 0.3253)$

Have a look what the booklet for
Yxy(73.8105, 0.3281, 0.3253)
contains.

Yxy(73.7234, 0.3282, 0.3249)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.7234, 0.3282, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F2D9DD
RGB	242, 217, 221
RGB Percent	95%, 85%, 87%
CMY	0.0511, 0.1489, 0.1333
CMYK	0.00, 0.10, 0.09, 0.05
HSL	350°, 49%, 90%
HSV	350°, 10%, 95%
XYZ	74.4722, 73.7234, 78.7154
YIQ	224.9310, 13.6160, 6.5440

Conversions

Conversions Part 2

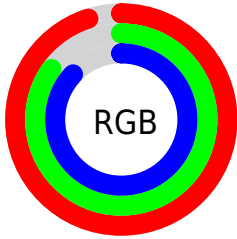
Format	Color
R _Y B	242, 217, 221
Decimal	15915485
CIE Lab	88.79, 9.26, 1.18
CIE LCh	89, 9.338, 7.233
Yxy	73.7234, 0.3282, 0.3249
Android (android.graphics.Color)	4294105565 (0xFFFF2D9DD)
YUV	224.9310, -1.9380, 14.9695
Hunter-Lab	85.8623, 4.5619, 5.7487

Details

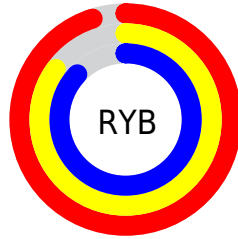
The Yxy color **73.7234, 0.3282, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.4069, 0.2991, 0.3331**, and the grayscale version is **75.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0329, 0.3322, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **61.1340, 0.3469, 0.3207**, and if you desaturate by 10%, it is **88.2792, 0.3131, 0.3289**.

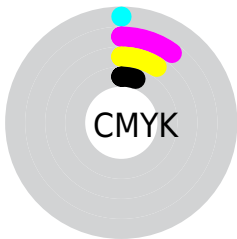
Distribution



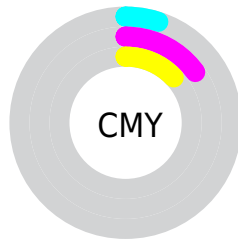
- Red (95%)
- Green (85%)
- Blue (87%)



- Red (95%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (10%)
- Yellow (9%)
- Black (5%)




- Cyan (5%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7234, 0.3282, 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 73.7234, 0.3282, 0.3249 by changing the saturation by 10% instead.


 73.7234, 0.3282,
0.3249

 73.7234, 0.3282,
0.3249


473.5182, 0.3210,
0.3268

 54.5677, 0.3298,
0.3245


124.5036, 0.3257,
0.3256

 39.0557, 0.3319,
0.3239


156.8969, 0.3247,
0.3258

 26.8031, 0.3344,
0.3232


194.4715, 0.3239,
0.3261

 17.4254, 0.3378,
0.3223

237.6119, 0.3232,
0.3263

 10.5382, 0.3424,
0.3210

286.7023, 0.3226,
0.3264

 5.7573, 0.3491,
0.3191

342.1272, 0.3220,

 2.6980, 0.3596,

0.3266

0.3161

404.2711, 0.3215,
0.3267

0.9762, 0.3787,
0.3104

0.0000, 1.0000,
0.0000

73.7234, 0.3282,
0.3249

73.7234, 0.3282,
0.3249

61.1340, 0.3469,
0.3207

88.2792, 0.3131,
0.3289

50.4173, 0.3701,
0.3163

97.6103, 0.3047,
0.3290

41.4865, 0.3985,
0.3120

34.2443, 0.4327,
0.3083

■ 28.5839, 0.4722,
0.3058

■ 24.3864, 0.5152,
0.3052

■ 21.5158, 0.5578,
0.3074

■ 19.8106, 0.5946,
0.3125

■ 19.0147, 0.6203,
0.3191

Harmonies

Analogous

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



73.7234, 0.3182, 0.3163



73.7234, 0.3282, 0.3249



73.7234, 0.3341, 0.3347

Triad

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



73.7234, 0.3282, 0.3249



73.7234, 0.3183, 0.3478



73.7234, 0.2918, 0.3145

Complementary

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



73.7234, 0.3282, 0.3249



84.4069, 0.2991, 0.3331

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.



73.7234, 0.2919, 0.3227



73.7234, 0.3282, 0.3249



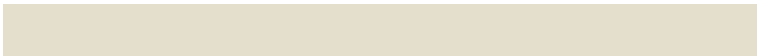
73.7234, 0.3070, 0.3422

Square

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



73.7234, 0.3282, 0.3249



73.7234, 0.3283, 0.3481



73.7234, 0.2974, 0.3330



73.7234, 0.2972, 0.3103

Rectangle

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



73.7234, 0.3282, 0.3249



73.7234, 0.3348, 0.3406



73.7234, 0.2974, 0.3330



73.7234, 0.2912, 0.3169

Sweetspot

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



73.7266, 0.3282, 0.3249



94.8087, 0.3169, 0.3278



74.1872, 0.3110, 0.3034



20.0035, 0.3180, 0.3275



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

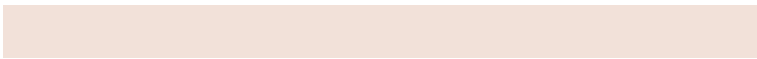
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7266, 0.3282, 0.3249



80.4601, 0.3311, 0.3242



77.9116, 0.3300, 0.3377



15.8001, 0.3268, 0.3252



10.2315, 0.6172, 0.3173



0.8633, 0.5844, 0.2993

Inverse Universe

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



73.7266, 0.3282, 0.3249



80.4601, 0.3311, 0.3242



79.8078, 0.2967, 0.3202



15.8001, 0.3268, 0.3252



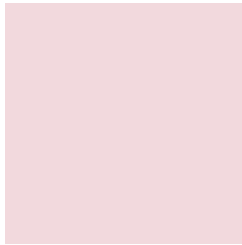
10.2315, 0.6172, 0.3173



0.8633, 0.5844, 0.2993

Previews

White Background



This preview shows how the Yxy color 73.7234, 0.3282, 0.3249 looks on a white background.

Color Contrast Check

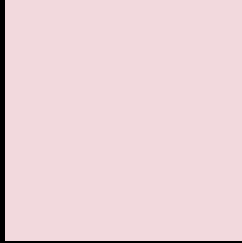
Large Text (above 18pt) WCAG AA × Fail

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 73.7234, 0.3282, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

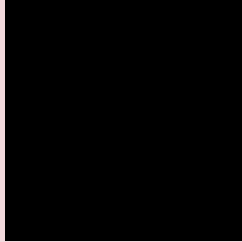
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

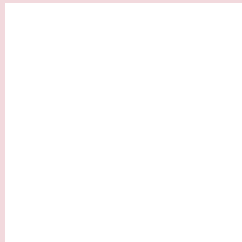
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7234, 0.3282, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 73.7234, 0.3282, 0.3249.



This preview shows how white text looks on a background with the Yxy color 73.7234, 0.3282, 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

73.7234, 0.3282, 0.3249

Protanopia

73.9553, 0.3149, 0.3269

Deuteranopia

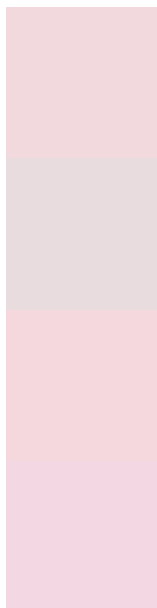
73.7447, 0.3306, 0.3239



Tritanopia

73.4818, 0.3215, 0.3116

Trichromacy



Original Color

73.7234, 0.3282, 0.3249

Protanomaly

73.6699, 0.3193, 0.3258

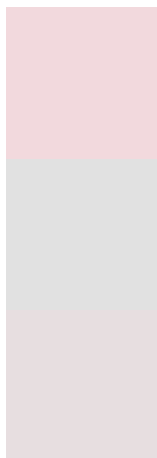
Deuteranomaly

73.5653, 0.3298, 0.3239

Tritanomaly

73.7679, 0.3242, 0.3167

Monochromacy



Original Color

73.7234, 0.3282, 0.3249

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.6133, 0.3178, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7234, 0.3282, 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, 217, 221)` looks like.

```
.text, #text, p{  
    color:rgb(242, 217, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 217, 221) }
```

Border

The CSS property to change the border of an element to Yxy 73.7234, 0.3282, 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, 217, 221) }
```

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

```
.border{ border-color:rgb(242, 217, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 217, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 217, 221);  
box-shadow:4px 4px 4px 4px rgb(242, 217,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7234, 0.3282, 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, 217, 221) }
```

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

```
.background{ background-color: rgb(242,  
217, 221) }
```

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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