

Converting Colors

$Yxy(73.2842, 0.3303, 0.3240)$

Have a look what the booklet for
Yxy(73.2842, 0.3303, 0.3240)
contains.

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Color

Yxy(73.5121, 0.3305, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F4D8DC
RGB	244, 216, 220
RGB Percent	96%, 85%, 86%
CMY	0.0432, 0.1529, 0.1372
CMYK	0.00, 0.11, 0.10, 0.04
HSL	351°, 56%, 90%
HSV	351°, 11%, 96%
XYZ	74.7792, 73.5121, 77.9694
YIQ	224.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

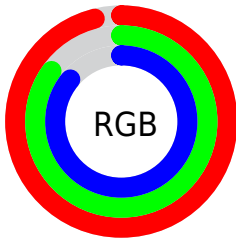
Format	Color
RYB	244, 216, 220
Decimal	16046300
CIELab	88.69, 10.33, 1.57
CIELCh	89, 10.447, 8.653
Yxy	73.5121, 0.3305, 0.3249
Android (android.graphics.Color)	4294236380 (0xFFFF4D8DC)
YUV	224.8280, -2.3802, 16.8138
Hunter-Lab	85.7392, 5.6388, 6.1004

Details

The Yxy color **73.5121, 0.3305, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5809, 0.2974, 0.3332**, and the grayscale version is **75.1755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.8977, 0.3352, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **60.8881, 0.3501, 0.3211**, and if you desaturate by 10%, it is **88.1372, 0.3147, 0.3285**.

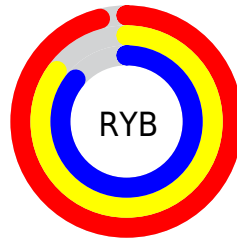
Distribution



Red (96%)

Green (85%)

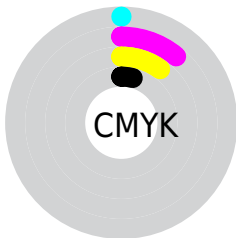
Blue (86%)



Red (96%)

Yellow (85%)

Blue (86%)

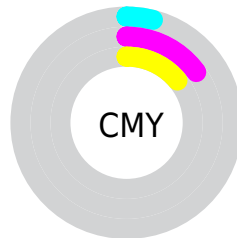


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (4%)



Cyan (4%)


Magenta (15%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5121, 0.3305, 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 73.5121, 0.3305, 0.3249 by changing the saturation by 10% instead.


 73.5121, 0.3305,
0.3249

 73.5121, 0.3305,
0.3249


472.7877, 0.3223,
0.3268

 54.3948, 0.3324,
0.3244


124.2039, 0.3276,
0.3256

 38.9174, 0.3347,
0.3239


156.5473, 0.3265,
0.3258

 26.6955, 0.3377,
0.3232


194.0680, 0.3256,
0.3261

 17.3446, 0.3416,
0.3222

237.1507, 0.3247,
0.3263

 10.4805, 0.3469,
0.3209

286.1796, 0.3240,
0.3264

 5.7187, 0.3546,
0.3190

341.5391, 0.3234,

 2.6748, 0.3667,

0.3266

0.3158

403.6137, 0.3228,
0.3267

0.9644, 0.3888,
0.3099

0.0000, 1.0000,
0.0000

73.5121, 0.3305,
0.3249

73.5121, 0.3305,
0.3249

60.8881, 0.3501,
0.3211

88.1372, 0.3147,
0.3285

50.1688, 0.3744,
0.3172

97.9699, 0.3060,
0.3290

41.2645, 0.4041,
0.3134

34.0745, 0.4397,
0.3102

■ 28.4882, 0.4806,
0.3082

■ 24.3820, 0.5245,
0.3081

■ 21.6141, 0.5671,
0.3105

■ 20.0150, 0.6025,
0.3156

■ 19.3509, 0.6237,
0.3209

Harmonies

Analogous

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



73.5121, 0.3194, 0.3152



73.5121, 0.3305, 0.3249



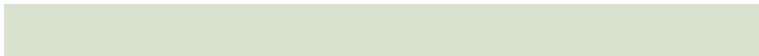
73.5121, 0.3368, 0.3358

Triad

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



73.5121, 0.3305, 0.3249



73.5121, 0.3184, 0.3499



73.5121, 0.2895, 0.3124

Complementary

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



73.5121, 0.3305, 0.3249



85.5809, 0.2974, 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.



73.5121, 0.2892, 0.3214



73.5121, 0.3305, 0.3249



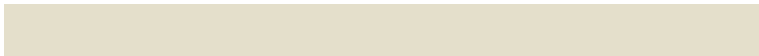
73.5121, 0.3058, 0.3434

Square

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



73.5121, 0.3305, 0.3249



73.5121, 0.3297, 0.3505



73.5121, 0.2951, 0.3329



73.5121, 0.2958, 0.3080

Rectangle

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



73.5121, 0.3305, 0.3249



73.5121, 0.3374, 0.3424



73.5121, 0.2951, 0.3329



73.5121, 0.2887, 0.3150

Sweetspot

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



73.5153, 0.3305, 0.3249



94.8008, 0.3170, 0.3280



74.1357, 0.3111, 0.3005



20.0014, 0.3181, 0.3277



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.



73.5153, 0.3305, 0.3249



77.4840, 0.3351, 0.3239



78.4727, 0.3321, 0.3391



16.5212, 0.3271, 0.3256



10.5355, 0.6209, 0.3194



0.9376, 0.5914, 0.3032

Inverse Universe

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



73.5153, 0.3305, 0.3249



77.4840, 0.3351, 0.3239



80.0862, 0.2949, 0.3186



16.5212, 0.3271, 0.3256



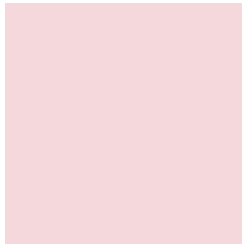
10.5355, 0.6209, 0.3194



0.9376, 0.5914, 0.3032

Previews

White Background



This preview shows how the Yxy color 73.5121, 0.3305, 0.3249 looks on a white background.

Color Contrast Check

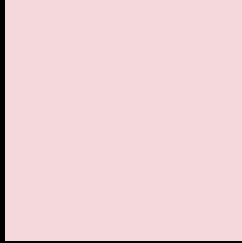
Large Text (above 18pt) WCAG AA × Fail

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 73.5121, 0.3305, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

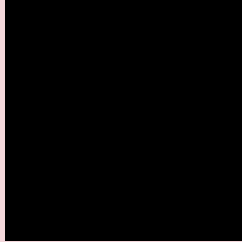
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5121, 0.3305, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 73.5121, 0.3305, 0.3249.

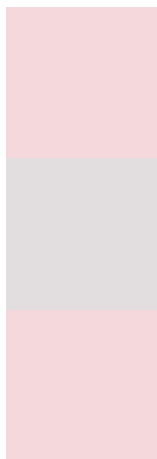


This preview shows how white text looks on a background with the Yxy color 73.5121, 0.3305, 0.3249.

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

73.5121, 0.3305, 0.3249

Protanopia

73.7390, 0.3149, 0.3279

Deuteranopia

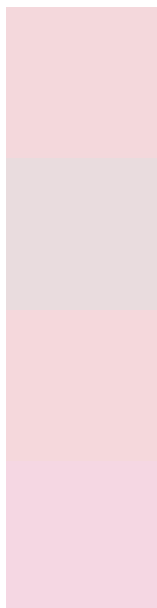
73.6915, 0.3313, 0.3249



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.5121, 0.3305, 0.3249

Protanomaly

73.7840, 0.3207, 0.3269

Deuteranomaly

73.6915, 0.3313, 0.3249

Tritanomaly

73.5594, 0.3265, 0.3167

Monochromacy



Original Color

73.5121, 0.3305, 0.3249

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7261, 0.3192, 0.3280

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5121, 0.3305, 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(244, 216, 220)` looks like.

```
.text, #text, p{  
    color:rgb(244, 216, 220)  
}
```

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(244, 216, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 216, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.5121, 0.3305, 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(244, 216, 220) }
```

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

```
.border{ border-color:rgb(244, 216, 220) }
```

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

Here you see how a box with a 4 pixel rgb(244, 216, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 216, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 216, 220);  
box-shadow:4px 4px 4px 4px rgb(244, 216,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5121, 0.3305, 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(244, 216, 220) }
```

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

```
.background{ background-color: rgb(244,  
216, 220) }
```

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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