

Converting Colors

Yxy(73.2513, 0.3226, 0.3090)

Have a look what the booklet for
Yxy(73.2513, 0.3226, 0.3090)
contains.

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Color

Yxy(73.3888, 0.3224, 0.3096)

Conversions

Conversions Part 1

Format	Color
Hex	F5D6E9
RGB	245, 214, 233
RGB Percent	96%, 84%, 91%
CMY	0.0390, 0.1608, 0.0862
CMYK	0.00, 0.13, 0.05, 0.04
HSL	323°, 61%, 90%
HSV	323°, 13%, 96%
XYZ	76.4230, 73.3888, 87.2322
YIQ	225.4350, 12.3770, 12.4810

Conversions

Conversions Part 2

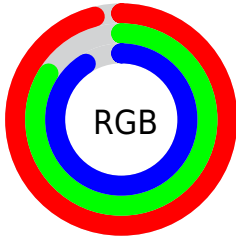
Format	Color
R _{YB}	245, 214, 233
Decimal	16111337
CIE Lab	88.63, 13.94, -5.35
CIE LCh	89, 14.930, 338.996
Yxy	73.3888, 0.3224, 0.3096
Android (android.graphics.Color)	4294301417 (0xFFFF5D6E9)
YUV	225.4350, 3.7295, 17.1585
Hunter-Lab	85.6673, 9.3205, -0.4060

Details

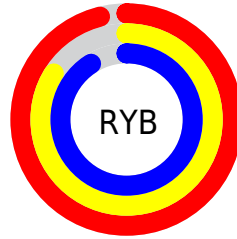
The Yxy color **73.3888, 0.3224, 0.3096** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.1199, 0.3041, 0.3492**, and the grayscale version is **75.5956, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7894, 0.3253, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **61.3799, 0.3317, 0.2935**, and if you desaturate by 10%, it is **87.2991, 0.3146, 0.3250**.

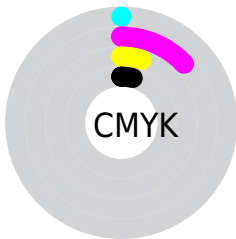
Distribution



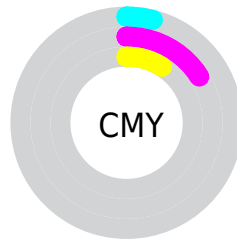
- Red (96%)
- Green (84%)
- Blue (91%)



- Red (96%)
- Yellow (84%)
- Blue (91%)



- Cyan (0%)
- Magenta (13%)
- Yellow (5%)
- Black (4%)




- Cyan (4%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3888, 0.3224, 0.3096 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 73.3888, 0.3224, 0.3096 by changing the saturation by 10% instead.

 73.3888, 0.3224,
0.3096

 73.3888, 0.3224,
0.3096

472.3612, 0.3180,
0.3184

 54.2939, 0.3234,
0.3076


124.0290, 0.3209,
0.3126

 38.8367, 0.3246,
0.3052


156.3431, 0.3203,
0.3138

 26.6327, 0.3261,
0.3021


193.8325, 0.3198,
0.3149

 17.2976, 0.3281,
0.2982

236.8814, 0.3193,
0.3157

 10.4469, 0.3308,
0.2929

285.8744, 0.3189,
0.3165

 5.6962, 0.3345,
0.2853

341.1957, 0.3186,

 2.6613, 0.3403,

0.3172

0.2739

403.2299, 0.3183,
0.3179

0.9576, 0.3501,
0.2544

0.0000, 0.4841,
0.0000

73.3888, 0.3224,
0.3096

73.3888, 0.3224,
0.3096

61.3799, 0.3317,
0.2935

87.2991, 0.3146,
0.3250

51.1792, 0.3427,
0.2772

97.9694, 0.3083,
0.3319

42.7002, 0.3554,
0.2613

98.1608, 0.3066,
0.3290

35.8453, 0.3700,
0.2466

■ 30.5072, 0.3861,
0.2343

■ 26.5655, 0.4034,
0.2255

■ 23.8812, 0.4213,
0.2214

■ 22.2865, 0.4391,
0.2225

■ 21.6244, 0.4518,
0.2262

Harmonies

Analogous

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



73.3888, 0.3042, 0.3009



73.3888, 0.3224, 0.3096



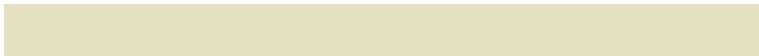
73.3888, 0.3383, 0.3232

Triad

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



73.3888, 0.3224, 0.3096



73.3888, 0.3368, 0.3599



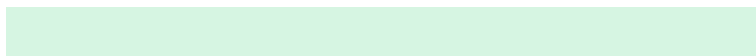
73.3888, 0.2793, 0.3178

Complementary

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



73.3888, 0.3224, 0.3096



85.1199, 0.3041, 0.3492

Split Complementary

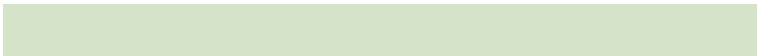
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



73.3888, 0.2875, 0.3342



73.3888, 0.3224, 0.3096



73.3888, 0.3205, 0.3592

Square

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



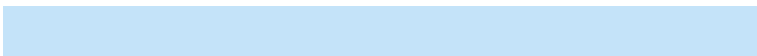
73.3888, 0.3224, 0.3096



73.3888, 0.3467, 0.3521



73.3888, 0.3025, 0.3497



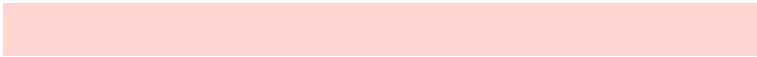
73.3888, 0.2797, 0.3050

Rectangle

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



73.3888, 0.3224, 0.3096



73.3888, 0.3453, 0.3335



73.3888, 0.3025, 0.3497



73.3888, 0.2811, 0.3231

Sweetspot

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



73.3920, 0.3224, 0.3096



93.4118, 0.3155, 0.3230



70.8347, 0.3007, 0.2964



19.7371, 0.3161, 0.3219



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.



73.3920, 0.3224, 0.3096



77.0584, 0.3245, 0.3059



72.5501, 0.3332, 0.3253



16.6531, 0.3198, 0.3146



11.6725, 0.4491, 0.2248



1.0460, 0.4286, 0.2135

Inverse Universe

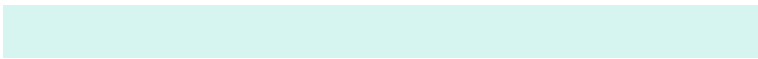
The Inverse Universe completely reimagines the original color for something new.



73.3920, 0.3224, 0.3096



77.0584, 0.3245, 0.3059



86.0035, 0.2953, 0.3327



16.6531, 0.3198, 0.3146



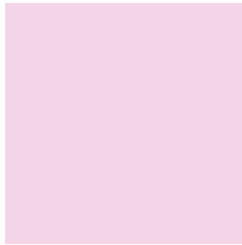
11.6725, 0.4491, 0.2248



1.0460, 0.4286, 0.2135

Previews

White Background



This preview shows how the Yxy color 73.3888, 0.3224, 0.3096 looks on a white background.

Color Contrast Check

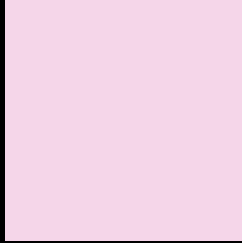
Large Text (above 18pt) WCAG AA × Fail

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 73.3888, 0.3224, 0.3096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

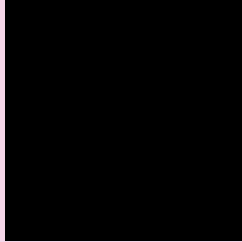
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3888, 0.3224, 0.3096

Background



This preview shows how black text looks on a background with the Yxy color 73.3888, 0.3224, 0.3096.



This preview shows how white text looks on a background with the Yxy color 73.3888, 0.3224, 0.3096.

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

73.3888, 0.3224, 0.3096

Protanopia

73.3569, 0.3031, 0.3120

Deuteranopia

73.5202, 0.3186, 0.3115



Tritanopia

73.2751, 0.3238, 0.3116

Trichromacy



Original Color

73.3888, 0.3224, 0.3096

Protanomaly

73.0219, 0.3093, 0.3101

Deuteranomaly

73.3613, 0.3201, 0.3105

Tritanomaly

73.3318, 0.3231, 0.3106

Monochromacy



Original Color

73.3888, 0.3224, 0.3096

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4701, 0.3159, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3888, 0.3224, 0.3096 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(245, 214, 233)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 233)  
}
```

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(245, 214, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 233) }
```

Border

The CSS property to change the border of an element to Yxy 73.3888, 0.3224, 0.3096 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(245, 214, 233) }
```

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

```
.border{ border-color:rgb(245, 214, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 233);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3888, 0.3224, 0.3096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 214, 233) }
```

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

```
.background{ background-color: rgb(245,  
214, 233) }
```

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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