

Converting Colors

$Y_{xy}(71.8715, 0.3426, 0.3221)$

Have a look what the booklet for
Yxy(71.8715, 0.3426, 0.3221)
contains.

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Color

Yxy(71.8188, 0.3427, 0.3220)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1D8
RGB	255, 209, 216
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1804, 0.1530
CMYK	0.00, 0.18, 0.15, 0.00
HSL	351°, 100%, 91%
HSV	351°, 18%, 100%
XYZ	76.4357, 71.8188, 74.7852
YIQ	223.5520, 25.1690, 11.9290

Conversions

Conversions Part 2

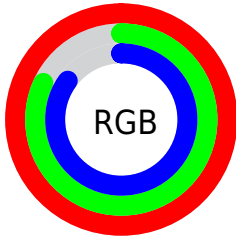
Format	Color
R _Y B	255, 209, 216
Decimal	16765400
CIE Lab	87.88, 17.20, 2.64
CIE LCh	88, 17.405, 8.740
Yxy	71.8188, 0.3427, 0.3220
Android (android.graphics.Color)	4294955480 (0xFFFFD1D8)
YUV	223.5520, -3.7231, 27.5799
Hunter-Lab	84.7460, 12.6907, 7.0009

Details

The Yxy color **71.8188, 0.3427, 0.3220** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.8548, 0.2891, 0.3362**, and the grayscale version is **74.2180, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6902, 0.3504, 0.3200** is the 20% darker color. If you saturate the color by 10%, you get **59.2461, 0.3651, 0.3179**, and if you desaturate by 10%, it is **86.5436, 0.3246, 0.3260**.

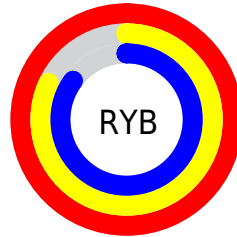
Distribution



Red (100%)

Green (82%)

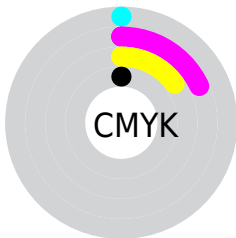
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

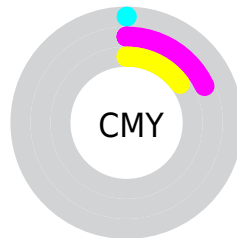


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.8188, 0.3427, 0.3220 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 71.8188, 0.3427, 0.3220 by changing the saturation by 10% instead.


 71.8188, 0.3427,
0.3220

 71.8188, 0.3427,
0.3220

466.9107, 0.3287,
0.3254

 53.0107, 0.3459,
0.3212


121.7989, 0.3378,
0.3232

 37.8113, 0.3499,
0.3202


153.7396, 0.3359,
0.3236

 25.8363, 0.3550,
0.3189


190.8267, 0.3343,
0.3240

 16.7012, 0.3616,
0.3172

233.4445, 0.3329,
0.3244

 10.0217, 0.3708,
0.3148

281.9773, 0.3317,
0.3247

 5.4133, 0.3841,
0.3113

336.8098, 0.3306,

 2.4918, 0.4053,

0.3249

0.3053

398.3261, 0.3296,
0.3251

0.8725, 0.4460,
0.2952

0.0000, 1.0000,
0.0000

71.8188, 0.3427,
0.3220

71.8188, 0.3427,
0.3220

59.2461, 0.3651,
0.3179

86.5436, 0.3246,
0.3260

48.7213, 0.3927,
0.3138

100.0000, 0.3127,
0.3290

40.1367, 0.4261,
0.3101

33.3733, 0.4650,
0.3074

■ 28.2989, 0.5081,
0.3065

■ 24.7636, 0.5516,
0.3080

■ 22.5908, 0.5901,
0.3125

■ 21.5425, 0.6181,
0.3191

■ 21.4043, 0.6224,
0.3203

Harmonies

Analogous

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



71.8188, 0.3238, 0.3062



71.8188, 0.3427, 0.3220



71.8188, 0.3534, 0.3400

Triad

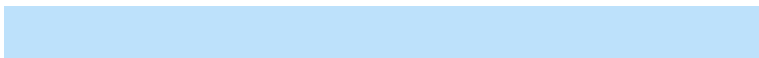
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.8188, 0.3427, 0.3220



71.8188, 0.3219, 0.3647



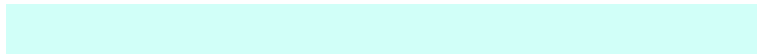
71.8188, 0.2741, 0.3009

Complementary

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



71.8188, 0.3427, 0.3220



91.8548, 0.2891, 0.3362

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.



71.8188, 0.2737, 0.3158



71.8188, 0.3427, 0.3220



71.8188, 0.3008, 0.3535

Square

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



71.8188, 0.3427, 0.3220



71.8188, 0.3410, 0.3652



71.8188, 0.2833, 0.3352



71.8188, 0.2844, 0.2940

Rectangle

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



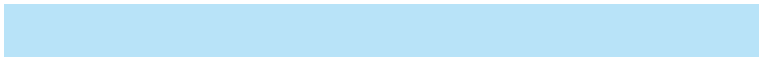
71.8188, 0.3427, 0.3220



71.8188, 0.3543, 0.3511



71.8188, 0.2833, 0.3352



71.8188, 0.2728, 0.3051

Sweetspot

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



71.8199, 0.3427, 0.3220



91.4560, 0.3199, 0.3272



72.6580, 0.3093, 0.2833



19.3281, 0.3210, 0.3269



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

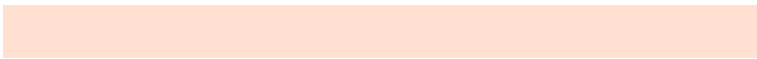
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8199, 0.3427, 0.3220



66.5858, 0.3510, 0.3204



79.3559, 0.3452, 0.3446



18.0320, 0.3270, 0.3254



11.1975, 0.6195, 0.3186



1.1028, 0.5924, 0.3037

Inverse Universe

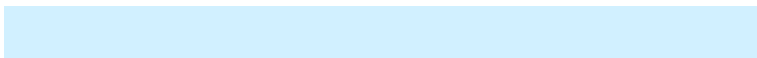
The Inverse Universe completely reimagines the original color for something new.



71.8199, 0.3427, 0.3220



66.5858, 0.3510, 0.3204



82.9009, 0.2846, 0.3129



18.0320, 0.3270, 0.3254



11.1975, 0.6195, 0.3186



1.1028, 0.5924, 0.3037

Previews

White Background



This preview shows how the Yxy color 71.8188, 0.3427, 0.3220 looks on a white background.

Color Contrast Check

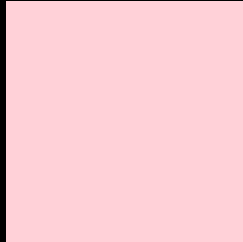
Large Text (above 18pt) WCAG AA × Fail

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 71.8188, 0.3427, 0.3220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

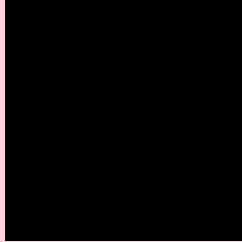
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8188, 0.3427, 0.3220

Background



This preview shows how black text looks on a background with the Yxy color 71.8188, 0.3427, 0.3220.

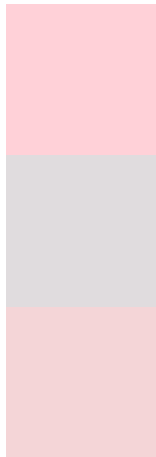


This preview shows how white text looks on a background with the Yxy color 71.8188, 0.3427, 0.3220.

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

71.8188, 0.3427, 0.3220

Protanopia

72.3076, 0.3142, 0.3268

Deuteranopia

71.7279, 0.3345, 0.3270



Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.8188, 0.3427, 0.3220

Protanomaly

71.9412, 0.3239, 0.3248

Deuteranomaly

71.9497, 0.3376, 0.3260

Tritanomaly

71.5922, 0.3391, 0.3159

Monochromacy



Original Color

71.8188, 0.3427, 0.3220

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.5457, 0.3229, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8188, 0.3427, 0.3220 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(255, 209, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 216)  
}
```

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(255, 209, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 216) }
```

Border

The CSS property to change the border of an element to Yxy 71.8188, 0.3427, 0.3220 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(255, 209, 216) }
```

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

```
.border{ border-color:rgb(255, 209, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8188, 0.3427, 0.3220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 216) }
```

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

```
.background{ background-color: rgb(255,  
209, 216) }
```

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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