

Converting Colors

$Y_{xy}(71.2581, 0.3418, 0.3192)$

Have a look what the booklet for
Yxy(71.2581, 0.3418, 0.3192)
contains.

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Color

Yxy(71.3815, 0.3421, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0D9
RGB	255, 208, 217
RGB Percent	100%, 82%, 85%
CMY	0.0000, 0.1844, 0.1489
CMYK	0.00, 0.18, 0.15, 0.00
HSL	348°, 100%, 91%
HSV	348°, 18%, 100%
XYZ	76.3351, 71.3815, 75.4203
YIQ	223.0790, 25.1230, 12.7630

Conversions

Conversions Part 2

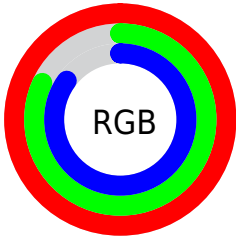
Format	Color
R_{YB}	255, 208, 217
Decimal	16765145
CIE _{Lab}	87.67, 17.91, 1.78
CIE _{LCh}	88, 17.998, 5.683
Yxy	71.3815, 0.3421, 0.3199
Android (android.graphics.Color)	4294955225 (0xFFFFD0D9)
YUV	223.0790, -2.9969, 27.9947
Hunter-Lab	84.4876, 13.4228, 6.2144

Details

The Yxy color **71.3815, 0.3421, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.5790, 0.2896, 0.3383**, and the grayscale version is **73.8547, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3969, 0.3497, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **58.9208, 0.3635, 0.3146**, and if you desaturate by 10%, it is **85.9645, 0.3247, 0.3250**.

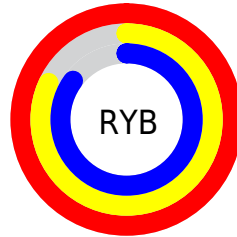
Distribution



Red (100%)

Green (82%)

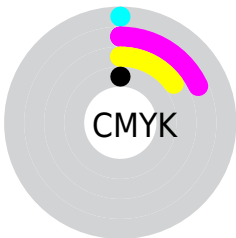
Blue (85%)



Red (100%)

Yellow (82%)

Blue (85%)

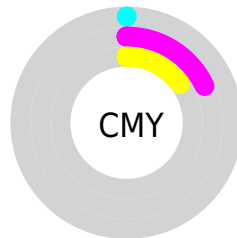


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3815, 0.3421, 0.3199 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 71.3815, 0.3421, 0.3199 by changing the saturation by 10% instead.


 71.3815, 0.3421,
0.3199

 71.3815, 0.3421,
0.3199


465.3860, 0.3284,
0.3242

 52.6536, 0.3453,
0.3189


121.1768, 0.3373,
0.3214

 37.5263, 0.3492,
0.3176


153.0129, 0.3355,
0.3220

 25.6152, 0.3541,
0.3160


189.9873, 0.3339,
0.3225

 16.5360, 0.3607,
0.3139

232.4843, 0.3325,
0.3229

 9.9042, 0.3697,
0.3110

280.8882, 0.3313,
0.3233

 5.3355, 0.3827,
0.3066

335.5835, 0.3302,

 2.4454, 0.4036,

0.3236

0.2995

396.9547, 0.3293,
0.3239

0.8491, 0.4431,
0.2868

0.0000, 1.0000,
0.0000

71.3815, 0.3421,
0.3199

71.3815, 0.3421,
0.3199

58.9208, 0.3635,
0.3146

85.9645, 0.3247,
0.3250

48.4976, 0.3899,
0.3094

100.0000, 0.3127,
0.3290

39.9984, 0.4217,
0.3047

33.3047, 0.4588,
0.3011

■ 28.2850, 0.4999,
0.2997

■ 24.7896, 0.5420,
0.3012

■ 22.6421, 0.5802,
0.3063

■ 21.5970, 0.6096,
0.3141

■ 21.4822, 0.6134,
0.3153

Harmonies

Analogous

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



71.3815, 0.3220, 0.3040



71.3815, 0.3421, 0.3199



71.3815, 0.3543, 0.3384

Triad

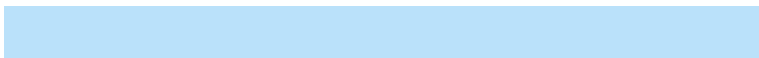
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.3815, 0.3421, 0.3199



71.3815, 0.3244, 0.3666



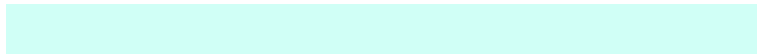
71.3815, 0.2722, 0.3011

Complementary

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



71.3815, 0.3421, 0.3199



91.5790, 0.2896, 0.3383

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.



71.3815, 0.2729, 0.3172



71.3815, 0.3421, 0.3199



71.3815, 0.3025, 0.3561

Square

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



71.3815, 0.3421, 0.3199



71.3815, 0.3437, 0.3660



71.3815, 0.2838, 0.3376



71.3815, 0.2819, 0.2931

Rectangle

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



71.3815, 0.3421, 0.3199



71.3815, 0.3560, 0.3502



71.3815, 0.2838, 0.3376



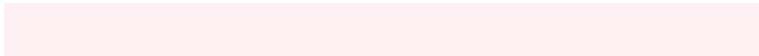
71.3815, 0.2712, 0.3057

Sweetspot

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



71.3763, 0.3421, 0.3199



89.8532, 0.3210, 0.3262



71.8450, 0.3081, 0.2821



19.0064, 0.3220, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

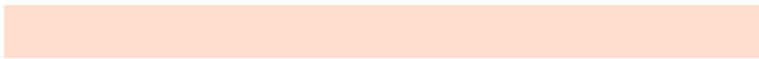
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3763, 0.3421, 0.3199



66.6987, 0.3492, 0.3180



78.1039, 0.3463, 0.3434



18.0442, 0.3264, 0.3244



11.2411, 0.6100, 0.3134



1.1088, 0.5805, 0.2972

Inverse Universe

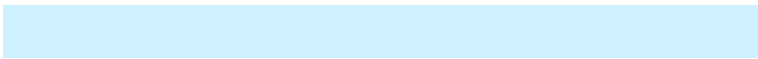
The Inverse Universe completely reimagines the original color for something new.



71.3763, 0.3421, 0.3199



66.6987, 0.3492, 0.3180



83.4768, 0.2841, 0.3142



18.0442, 0.3264, 0.3244



11.2411, 0.6100, 0.3134



1.1088, 0.5805, 0.2972

Previews

White Background



This preview shows how the Yxy color 71.3815, 0.3421, 0.3199 looks on a white background.

Color Contrast Check

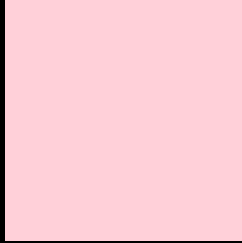
Large Text (above 18pt) WCAG AA × Fail

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 71.3815, 0.3421, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

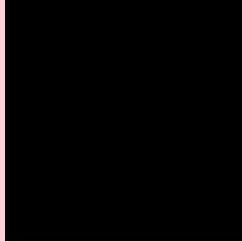
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3815, 0.3421, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 71.3815, 0.3421, 0.3199.

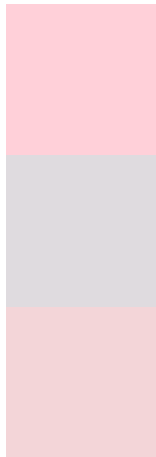


This preview shows how white text looks on a background with the Yxy color 71.3815, 0.3421, 0.3199.

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

71.3815, 0.3421, 0.3199

Protanopia

71.6787, 0.3129, 0.3247

Deuteranopia

71.6011, 0.3330, 0.3259



Tritanopia

71.2134, 0.3378, 0.3129

Trichromacy



Original Color

71.3815, 0.3421, 0.3199

Protanomaly

71.4835, 0.3233, 0.3227

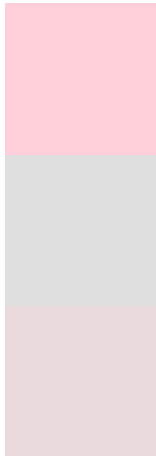
Deuteranomaly

71.3206, 0.3363, 0.3239

Tritanomaly

71.1061, 0.3392, 0.3149

Monochromacy



Original Color

71.3815, 0.3421, 0.3199

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0254, 0.3230, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3815, 0.3421, 0.3199 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, 208, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 217)  
}
```

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, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 217) }
```

Border

The CSS property to change the border of an element to Yxy 71.3815, 0.3421, 0.3199 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, 208, 217) }
```

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

```
.border{ border-color:rgb(255, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3815, 0.3421, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 217) }
```

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

```
.background{ background-color: rgb(255,  
208, 217) }
```

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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