

Converting Colors

Yxy(71.4991, 0.3397, 0.3166)

Have a look what the booklet for
Yxy(71.4991, 0.3397, 0.3166)
contains.

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Color

Yxy(71.5391, 0.3399, 0.3169)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0DC
RGB	255, 208, 220
RGB Percent	100%, 82%, 86%
CMY	0.0000, 0.1844, 0.1372
CMYK	0.00, 0.18, 0.14, 0.00
HSL	345°, 100%, 91%
HSV	345°, 18%, 100%
XYZ	76.7313, 71.5391, 77.4762
YIQ	223.4210, 24.1600, 13.6960

Conversions

Conversions Part 2

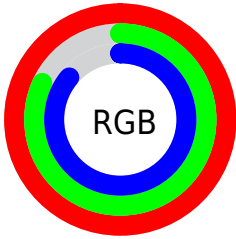
Format	Color
R _Y B	255, 208, 220
Decimal	16765148
CIE Lab	87.75, 18.38, 0.32
CIE LCh	88, 18.387, 0.998
Yxy	71.5391, 0.3399, 0.3169
Android (android.graphics.Color)	4294955228 (0xFFFFD0DC)
YUV	223.4210, -1.6866, 27.6948
Hunter-Lab	84.5808, 13.9179, 4.8967

Details

The Yxy color **71.5391, 0.3399, 0.3169** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3970, 0.2912, 0.3415**, and the grayscale version is **74.0976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5048, 0.3467, 0.3135** is the 20% darker color. If you saturate the color by 10%, you get **59.1318, 0.3596, 0.3099**, and if you desaturate by 10%, it is **86.0421, 0.3238, 0.3236**.

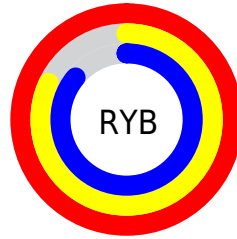
Distribution



Red (100%)

Green (82%)

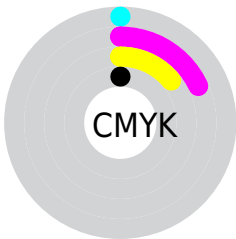
Blue (86%)



Red (100%)

Yellow (82%)

Blue (86%)

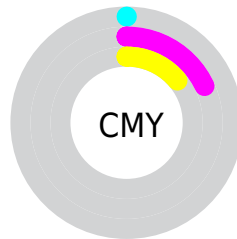


Cyan (0%)

Magenta (18%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.5391, 0.3399, 0.3169 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 71.5391, 0.3399, 0.3169 by changing the saturation by 10% instead.


 71.5391, 0.3399,
0.3169

 71.5391, 0.3399,
0.3169


465.9358, 0.3273,
0.3225

 52.7823, 0.3428,
0.3156


121.4010, 0.3355,
0.3189

 37.6290, 0.3464,
0.3140


153.2749, 0.3338,
0.3196

 25.6949, 0.3510,
0.3119


190.2899, 0.3323,
0.3203

 16.5955, 0.3570,
0.3092

232.8304, 0.3311,
0.3209

 9.9465, 0.3652,
0.3056

281.2809, 0.3299,
0.3214

 5.3635, 0.3771,
0.3002

336.0257, 0.3289,

 2.4621, 0.3961,

0.3218

0.2916

397.4492, 0.3281,
0.3222

0.8576, 0.4307,
0.2760

0.0000, 1.0000,
0.0000

71.5391, 0.3399,
0.3169

71.5391, 0.3399,
0.3169

59.1318, 0.3596,
0.3099

86.0421, 0.3238,
0.3236

48.7471, 0.3837,
0.3029

100.0000, 0.3127,
0.3290

40.2690, 0.4126,
0.2965

33.5805, 0.4465,
0.2915

■ 28.5515, 0.4842,
0.2889

■ 25.0339, 0.5235,
0.2899

■ 22.8530, 0.5607,
0.2951

■ 21.7658, 0.5915,
0.3041

■ 21.6440, 0.5958,
0.3056

Harmonies

Analogous

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



71.5391, 0.3186, 0.3015



71.5391, 0.3399, 0.3169



71.5391, 0.3539, 0.3356

Triad

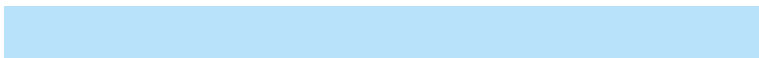
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5391, 0.3399, 0.3169



71.5391, 0.3281, 0.3681



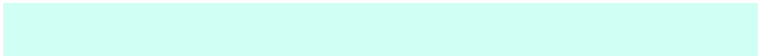
71.5391, 0.2708, 0.3026

Complementary

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



71.5391, 0.3399, 0.3169



91.3970, 0.2912, 0.3415

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.



71.5391, 0.2732, 0.3200



71.5391, 0.3399, 0.3169



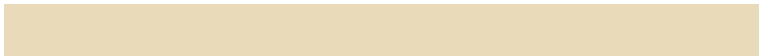
71.5391, 0.3057, 0.3590

Square

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



71.5391, 0.3399, 0.3169



71.5391, 0.3468, 0.3656



71.5391, 0.2857, 0.3410



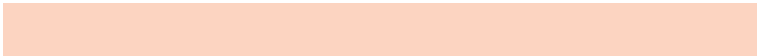
71.5391, 0.2791, 0.2930

Rectangle

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



71.5391, 0.3399, 0.3169



71.5391, 0.3570, 0.3479



71.5391, 0.2857, 0.3410



71.5391, 0.2704, 0.3077

Sweetspot

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



71.5305, 0.3399, 0.3169



89.9118, 0.3204, 0.3252



71.2820, 0.3059, 0.2818



19.0202, 0.3213, 0.3248



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

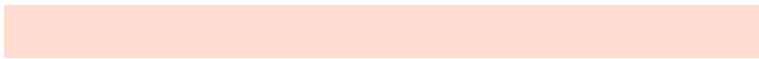
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5305, 0.3399, 0.3169



66.8774, 0.3464, 0.3144



76.4516, 0.3469, 0.3402



18.0633, 0.3254, 0.3229



11.3297, 0.5918, 0.3034



1.1199, 0.5602, 0.2860

Inverse Universe

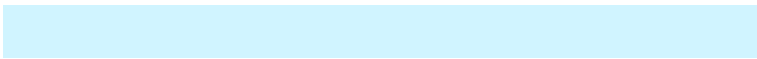
The Inverse Universe completely reimagines the original color for something new.



71.5305, 0.3399, 0.3169



66.8774, 0.3464, 0.3144



85.3462, 0.2843, 0.3175



18.0633, 0.3254, 0.3229



11.3297, 0.5918, 0.3034



1.1199, 0.5602, 0.2860

Previews

White Background



This preview shows how the Yxy color 71.5391, 0.3399, 0.3169 looks on a white background.

Color Contrast Check

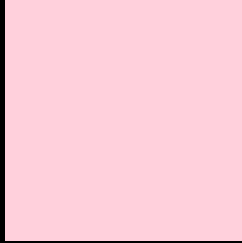
Large Text (above 18pt) WCAG AA × Fail

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 71.5391, 0.3399, 0.3169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

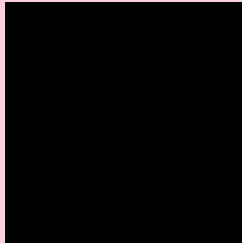
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5391, 0.3399, 0.3169

Background



This preview shows how black text looks on a background with the Yxy color 71.5391, 0.3399, 0.3169.

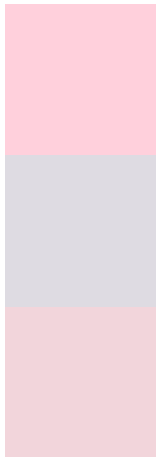


This preview shows how white text looks on a background with the Yxy color 71.5391, 0.3399, 0.3169.

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

71.5391, 0.3399, 0.3169

Protanopia

71.6836, 0.3102, 0.3214

Deuteranopia

71.5802, 0.3301, 0.3228



Tritanopia

71.6995, 0.3376, 0.3139

Trichromacy



Original Color

71.5391, 0.3399, 0.3169

Protanomaly

71.4751, 0.3205, 0.3195

Deuteranomaly

71.4772, 0.3341, 0.3208

Tritanomaly

71.6457, 0.3384, 0.3149

Monochromacy



Original Color

71.5391, 0.3399, 0.3169

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0789, 0.3223, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5391, 0.3399, 0.3169 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, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 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(255, 208, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 220) }
```

Border

The CSS property to change the border of an element to Yxy 71.5391, 0.3399, 0.3169 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, 220) }
```

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

```
.border{ border-color:rgb(255, 208, 220) }
```

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, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 220);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5391, 0.3399, 0.3169 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, 220) }
```

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

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