

Converting Colors

$Yxy(71.7467, 0.3391, 0.3163)$

Have a look what the booklet for
Yxy(71.7467, 0.3391, 0.3163)
contains.

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Color

Yxy(71.5922, 0.3391, 0.3159)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0DD
RGB	255, 208, 221
RGB Percent	100%, 82%, 87%
CMY	0.0000, 0.1843, 0.1333
CMYK	0.00, 0.18, 0.13, 0.00
HSL	343°, 100%, 91%
HSV	343°, 18%, 100%
XYZ	76.8500, 71.5922, 78.1871
YIQ	223.5350, 23.8390, 14.0070

Conversions

Conversions Part 2

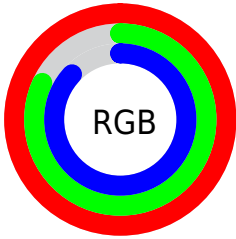
Format	Color
R _Y B	255, 208, 221
Decimal	16765149
CIE Lab	87.77, 18.51, -0.18
CIE LCh	88, 18.514, 359.443
Yxy	71.5922, 0.3391, 0.3159
Android (android.graphics.Color)	4294955229 (0xFFFFD0DD)
YUV	223.5350, -1.2498, 27.5948
Hunter-Lab	84.6122, 14.0534, 4.4407

Details

The Yxy color **71.5922, 0.3391, 0.3159** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3401, 0.2917, 0.3425**, and the grayscale version is **74.1904, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5414, 0.3457, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **59.2140, 0.3582, 0.3083**, and if you desaturate by 10%, it is **86.0818, 0.3235, 0.3232**.

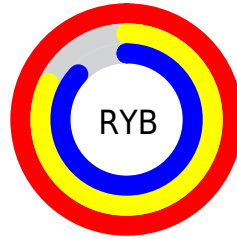
Distribution



Red (100%)

Green (82%)

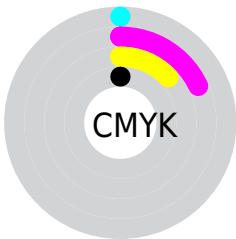
Blue (87%)



Red (100%)

Yellow (82%)

Blue (87%)

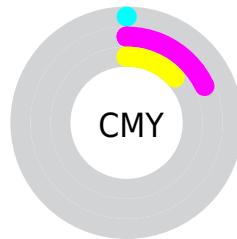


Cyan (0%)

Magenta (18%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (18%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5922, 0.3391, 0.3159 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 71.5922, 0.3391, 0.3159 by changing the saturation by 10% instead.

 71.5922, 0.3391,
0.3159

 71.5922, 0.3391,
0.3159


466.1210, 0.3268,
0.3220

 52.8256, 0.3419,
0.3145


121.4766, 0.3348,
0.3180

 37.6636, 0.3454,
0.3128


153.3631, 0.3332,
0.3188

 25.7217, 0.3498,
0.3106


190.3918, 0.3318,
0.3195

 16.6155, 0.3556,
0.3077

232.9471, 0.3305,
0.3202

 9.9608, 0.3636,
0.3038

281.4132, 0.3294,
0.3207

 5.3730, 0.3751,
0.2980

336.1746, 0.3285,

 2.4677, 0.3934,

0.3212

0.2890

397.6157, 0.3276,
0.3216

0.8604, 0.4266,
0.2726

0.0000, 1.0000,
0.0000

71.5922, 0.3391,
0.3159

71.5922, 0.3391,
0.3159

59.2140, 0.3582,
0.3083

86.0818, 0.3235,
0.3232

48.8415, 0.3816,
0.3008

100.0000, 0.3127,
0.3290

40.3703, 0.4096,
0.2938

33.6836, 0.4423,
0.2882

■ 28.6517, 0.4788,
0.2852

■ 25.1270, 0.5170,
0.2859

■ 22.9355, 0.5536,
0.2911

■ 21.8348, 0.5846,
0.3003

■ 21.7101, 0.5890,
0.3018

Harmonies

Analogous

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



71.5922, 0.3175, 0.3007



71.5922, 0.3391, 0.3159



71.5922, 0.3538, 0.3347

Triad

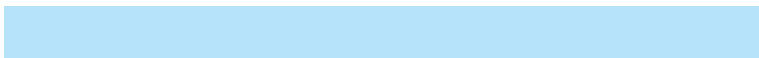
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.5922, 0.3391, 0.3159



71.5922, 0.3293, 0.3685



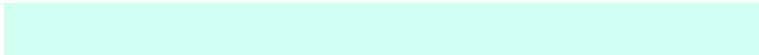
71.5922, 0.2704, 0.3032

Complementary

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



71.5922, 0.3391, 0.3159



91.3401, 0.2917, 0.3425

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.



71.5922, 0.2733, 0.3210



71.5922, 0.3391, 0.3159



71.5922, 0.3068, 0.3599

Square

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



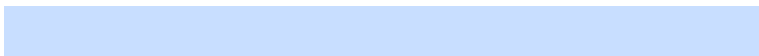
71.5922, 0.3391, 0.3159



71.5922, 0.3478, 0.3655



71.5922, 0.2865, 0.3421



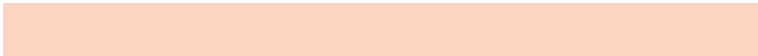
71.5922, 0.2782, 0.2931

Rectangle

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



71.5922, 0.3391, 0.3159



71.5922, 0.3573, 0.3471



71.5922, 0.2865, 0.3421



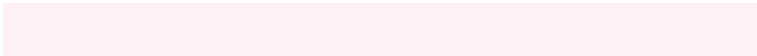
71.5922, 0.2701, 0.3084

Sweetspot

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



71.5945, 0.3391, 0.3159



89.9315, 0.3202, 0.3249



71.1544, 0.3054, 0.2817



19.0249, 0.3211, 0.3245



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

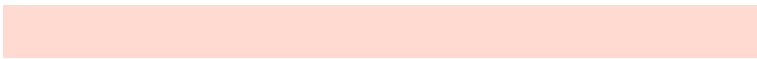
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.5945, 0.3391, 0.3159



66.9383, 0.3455, 0.3132



76.0532, 0.3470, 0.3394



18.0697, 0.3251, 0.3224



11.3656, 0.5848, 0.2995



1.1242, 0.5529, 0.2820

Inverse Universe

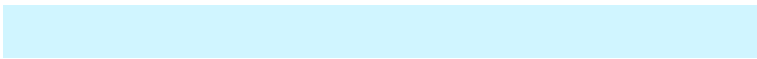
The Inverse Universe completely reimagines the original color for something new.



71.5945, 0.3391, 0.3159



66.9383, 0.3455, 0.3132



85.8245, 0.2843, 0.3183



18.0697, 0.3251, 0.3224



11.3656, 0.5848, 0.2995



1.1242, 0.5529, 0.2820

Previews

White Background



This preview shows how the Yxy color 71.5922, 0.3391, 0.3159 looks on a white background.

Color Contrast Check

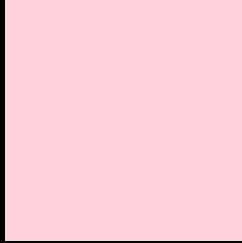
Large Text (above 18pt) WCAG AA × Fail

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 71.5922, 0.3391, 0.3159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

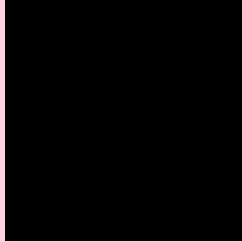
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5922, 0.3391, 0.3159

Background



This preview shows how black text looks on a background with the Yxy color 71.5922, 0.3391, 0.3159.



This preview shows how white text looks on a background with the Yxy color 71.5922, 0.3391, 0.3159.

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

71.5922, 0.3391, 0.3159

Protanopia

71.7387, 0.3096, 0.3204

Deuteranopia

71.4566, 0.3286, 0.3217



Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.5922, 0.3391, 0.3159

Protanomaly

71.5295, 0.3198, 0.3185

Deuteranomaly

71.3487, 0.3326, 0.3198

Tritanomaly

71.6995, 0.3376, 0.3139

Monochromacy



Original Color

71.5922, 0.3391, 0.3159

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.1327, 0.3216, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5922, 0.3391, 0.3159 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 221) }
```

Border

The CSS property to change the border of an element to Yxy 71.5922, 0.3391, 0.3159 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, 221) }
```

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

```
.border{ border-color:rgb(255, 208, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5922, 0.3391, 0.3159 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
208, 221) }
```

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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