

Converting Colors

Yxy(81.4062, 0.3562, 0.2940)

Have a look what the booklet for
Yxy(81.4062, 0.3562, 0.2940)
contains.

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Color

Yxy(71.5152, 0.3220, 0.2895)

Conversions

Conversions Part 1	
Format	Color
Hex	FFCDF5
RGB	255, 205, 245
RGB Percent	100%, 80%, 96%
CMY	0.0001, 0.1960, 0.0393
CMYK	0.00, 0.20, 0.04, 0.00
HSL	312°, 100%, 90%
HSV	312°, 20%, 100%
XYZ	79.5437, 71.5152, 95.9712
YIQ	224.5100, 16.9600, 23.0400

Conversions

Conversions Part 2

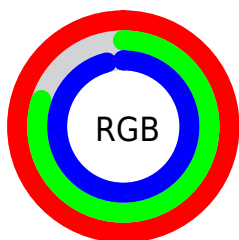
Format	Color
RYB	255, 205, 245
Decimal	16764405
CIELab	87.73, 24.05, -12.91
CIELCh	88, 27.298, 331.783
Yxy	71.5152, 0.3220, 0.2895
Android (android.graphics.Color)	4294954485 (0xFFFFCDF5)
YUV	224.5100, 10.1016, 26.7397
Hunter-Lab	84.5667, 19.9060, -8.0891

Details

The Yxy color 71.5152, 0.3220, 0.2895 is a light color, and the websafe version is hex FFCCFF. A complement of this color would be 89.3987, 0.3046, 0.3720, and the grayscale version is 74.8426, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 37.4926, 0.3238, 0.2799 is the 20% darker color. If you saturate the color by 10%, you get 59.9882, 0.3278, 0.2688, and if you desaturate by 10%, it is 85.0449, 0.3169, 0.3100.

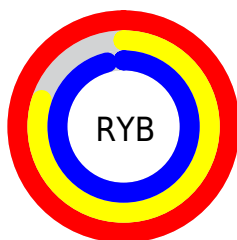
Distribution



Red (100%)

Green (80%)

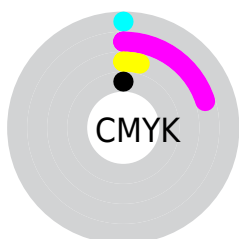
Blue (96%)



Red (100%)

Yellow (80%)

Blue (96%)

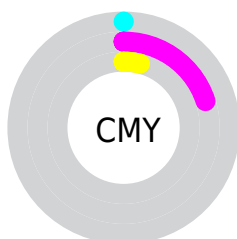


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.5152, 0.3220, 0.2895 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 71.5152, 0.3220, 0.2895 by changing the saturation by 10% instead.


 71.5152, 0.3220,
0.2895

 71.5152, 0.3220,
0.2895


465.8524, 0.3180,
0.3072

 52.7627, 0.3229,
0.2856


121.3670, 0.3207,
0.2955

 37.6134, 0.3239,
0.2808


153.2352, 0.3201,
0.2979

 25.6828, 0.3252,
0.2749


190.2440, 0.3196,
0.3000

 16.5865, 0.3267,
0.2672

232.7780, 0.3192,
0.3018

 9.9401, 0.3288,
0.2572

281.2214, 0.3189,
0.3034

 5.3593, 0.3314,
0.2432


335.9587, 0.3185,


 2.4596, 0.3350,


0.3048


0.2227

397.3742, 0.3182,
0.3061


 0.8563, 0.3399,
0.1897

 0.0000, 0.3566,
0.0000

 71.5152, 0.3220,
0.2895


 71.5152, 0.3220,
0.2895


 59.9882, 0.3278,
0.2688

 85.0449, 0.3169,
0.3100

 50.3584, 0.3343,
0.2485

99.9968, 0.3127,
0.3290

 42.5245, 0.3415,
0.2296

 36.3725, 0.3491,
0.2130

■ 31.7748, 0.3570,
0.1999

■ 28.5858, 0.3650,
0.1910

■ 26.6323, 0.3728,
0.1868

■ 25.6428, 0.3802,
0.1869

■ 25.6105, 0.3805,
0.1870

Harmonies

Analogous

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



71.5152, 0.2891, 0.2766



71.5152, 0.3220, 0.2895



71.5152, 0.3538, 0.3117

Triad

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



71.5152, 0.3220, 0.2895



71.5152, 0.3624, 0.3835



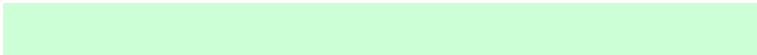
71.5152, 0.2545, 0.3142

Complementary

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



71.5152, 0.3220, 0.2895



89.3987, 0.3046, 0.3720

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.



71.5152, 0.2722, 0.3459



71.5152, 0.3220, 0.2895



71.5152, 0.3341, 0.3877

Square

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



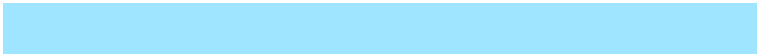
71.5152, 0.3220, 0.2895



71.5152, 0.3776, 0.3648



71.5152, 0.3010, 0.3738



71.5152, 0.2516, 0.2890

Rectangle

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



71.5152, 0.3220, 0.2895



71.5152, 0.3694, 0.3294



71.5152, 0.3010, 0.3738



71.5152, 0.2588, 0.3244

Sweetspot

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



71.5183, 0.3220, 0.2895



90.4277, 0.3153, 0.3172



65.3385, 0.2867, 0.2758



19.1421, 0.3156, 0.3159



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.



71.5183, 0.3220, 0.2895



66.2096, 0.3245, 0.2804



70.0954, 0.3403, 0.3139



18.2343, 0.3169, 0.3102



13.4060, 0.3793, 0.1863



1.3204, 0.3714, 0.1819

Inverse Universe

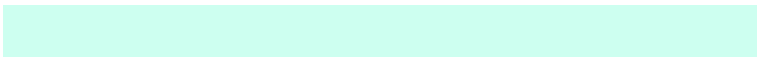
The Inverse Universe completely reimagines the original color for something new.



71.5183, 0.3220, 0.2895



66.2096, 0.3245, 0.2804



90.7816, 0.2911, 0.3447



18.2343, 0.3169, 0.3102



13.4060, 0.3793, 0.1863



1.3204, 0.3714, 0.1819

Previews

White Background



This preview shows how the Yxy color 71.5152, 0.3220, 0.2895 looks on a white background.

Color Contrast Check

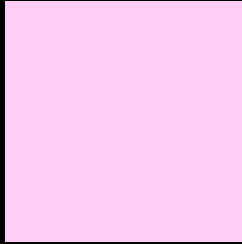
Large Text (above 18pt) WCAG AA × Fail

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 71.5152, 0.3220, 0.2895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

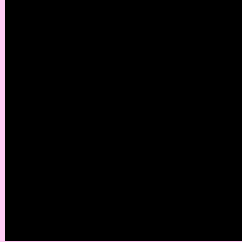
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.5152, 0.3220, 0.2895

Background



This preview shows how black text looks on a background with the Yxy color 71.5152, 0.3220, 0.2895.



This preview shows how white text looks on a background with the Yxy color 71.5152, 0.3220, 0.2895.

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

71.5152, 0.3220, 0.2895

Protanopia

71.5947, 0.2872, 0.2909

Deuteranopia

71.5531, 0.3056, 0.2988



Tritanopia

71.7326, 0.3338, 0.3128

Trichromacy



Original Color
71.5152, 0.3220, 0.2895



Protanomaly
71.2115, 0.2990, 0.2896



Deuteranomaly
71.6454, 0.3114, 0.2953

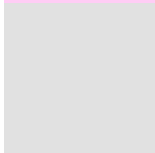


Tritanomaly
71.8206, 0.3295, 0.3049

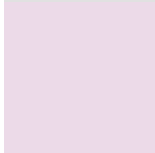
Monochromacy



Original Color
71.5152, 0.3220, 0.2895



Achromatopsia
75.2942, 0.3127, 0.3290



Achromatomaly
73.8019, 0.3163, 0.3144

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.5152, 0.3220, 0.2895 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, 205, 245) looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 245)  
}
```

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, 205, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 245) }
```

Border

The CSS property to change the border of an element to Yxy 71.5152, 0.3220, 0.2895 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, 205, 245) }
```

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

```
.border{ border-color:rgb(255, 205, 245) }
```

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

Here you see how a box with a 4 pixel rgb(255, 205, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 71.5152, 0.3220, 0.2895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 245) }
```

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

```
.background{ background-color: rgb(255,  
205, 245) }
```

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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