

Converting Colors

Yxy(69.9293, 0.3214, 0.2849)

Have a look what the booklet for
Yxy(69.9293, 0.3214, 0.2849)
contains.

Yxy(70.1549, 0.3215, 0.2855)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.1549, 0.3215, 0.2855)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAF6
RGB	255, 202, 246
RGB Percent	100%, 79%, 96%
CMY	0.0000, 0.2079, 0.0353
CMYK	0.00, 0.21, 0.04, 0.00
HSL	310°, 100%, 90%
HSV	310°, 21%, 100%
XYZ	79.0011, 70.1549, 96.5705
YIQ	222.8630, 17.4640, 24.9200

Conversions

Conversions Part 2

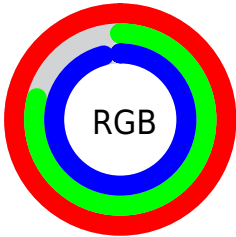
Format	Color
RYB	255, 202, 246
Decimal	16763638
CIELab	87.07, 25.83, -14.45
CIELCh	87, 29.598, 330.785
Yxy	70.1549, 0.3215, 0.2855
Android (android.graphics.Color)	4294953718 (0xFFFFCAF6)
YUV	222.8630, 11.4065, 28.1841
Hunter-Lab	83.7585, 21.7838, -9.7282

Details

The Yxy color **70.1549, 0.3215, 0.2855** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **88.7789, 0.3050, 0.3768**, and the grayscale version is **73.5963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.9033, 0.3231, 0.2761** is the 20% darker color. If you saturate the color by 10%, you get **58.8976, 0.3266, 0.2641**, and if you desaturate by 10%, it is **83.3937, 0.3169, 0.3068**.

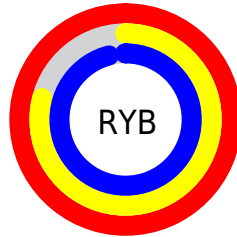
Distribution



Red (100%)

Green (79%)

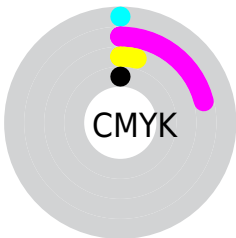
Blue (96%)



Red (100%)

Yellow (79%)

Blue (96%)

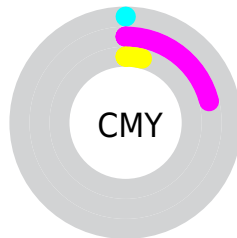


Cyan (0%)

Magenta (21%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.1549, 0.3215, 0.2855 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 70.1549, 0.3215, 0.2855 by changing the saturation by 10% instead.

 70.1549, 0.3215,
0.2855

 70.1549, 0.3215,
0.2855

461.0937, 0.3177,
0.3050

 51.6528, 0.3223,
0.2812


119.4296, 0.3203,
0.2922

 36.7284, 0.3232,
0.2759

150.9711, 0.3198,
0.2948

 24.9973, 0.3244,
0.2694


187.6278, 0.3193,
0.2970

 16.0750, 0.3258,
0.2610

229.7841, 0.3189,
0.2990

 9.5773, 0.3275,
0.2500

277.8244, 0.3186,
0.3008

 5.1196, 0.3297,
0.2347

332.1332, 0.3183,

 2.3176, 0.3326,

0.3024

0.2123

393.0949, 0.3180,
0.3038

0.7830, 0.3361,
0.1760

0.0000, 0.3293,
0.0000

70.1549, 0.3215,
0.2855

70.1549, 0.3215,
0.2855

58.8976, 0.3266,
0.2641

83.3937, 0.3169,
0.3068

49.5274, 0.3323,
0.2433

98.7070, 0.3130,
0.3274

41.9382, 0.3385,
0.2241

100.0000, 0.3127,
0.3290

36.0142, 0.3450,
0.2074

■ 31.6263, 0.3517,
0.1944

■ 28.6261, 0.3583,
0.1856

■ 26.8361, 0.3646,
0.1815

■ 25.9999, 0.3702,
0.1813

Harmonies

Analogous

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



70.1549, 0.2858, 0.2719



70.1549, 0.3215, 0.2855



70.1549, 0.3566, 0.3091

Triad

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



70.1549, 0.3215, 0.2855



70.1549, 0.3676, 0.3879



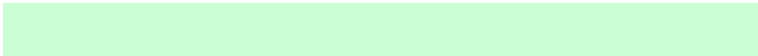
70.1549, 0.2498, 0.3137

Complementary

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



70.1549, 0.3215, 0.2855



88.7789, 0.3050, 0.3768

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.



70.1549, 0.2694, 0.3485



70.1549, 0.3215, 0.2855



70.1549, 0.3370, 0.3934

Square

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



70.1549, 0.3215, 0.2855



70.1549, 0.3838, 0.3668



70.1549, 0.3010, 0.3790



70.1549, 0.2462, 0.2860

Rectangle

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



70.1549, 0.3215, 0.2855



70.1549, 0.3740, 0.3283



70.1549, 0.3010, 0.3790



70.1549, 0.2547, 0.3250

Sweetspot

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



70.1540, 0.3215, 0.2855



90.4576, 0.3150, 0.3168



63.2837, 0.2837, 0.2721



19.1492, 0.3152, 0.3154



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.



70.1540, 0.3215, 0.2855



65.1735, 0.3236, 0.2765



68.6494, 0.3410, 0.3111



18.2443, 0.3164, 0.3095



13.6050, 0.3692, 0.1808



1.3381, 0.3627, 0.1772

Inverse Universe

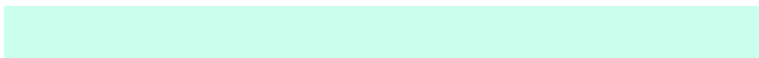
The Inverse Universe completely reimagines the original color for something new.



70.1540, 0.3215, 0.2855



65.1735, 0.3236, 0.2765



90.2101, 0.2908, 0.3477



18.2443, 0.3164, 0.3095



13.6050, 0.3692, 0.1808



1.3381, 0.3627, 0.1772

Previews

White Background



This preview shows how the Yxy color 70.1549, 0.3215, 0.2855 looks on a white background.

Color Contrast Check

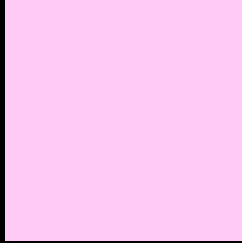
Large Text (above 18pt) WCAG AA × Fail

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 70.1549, 0.3215, 0.2855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

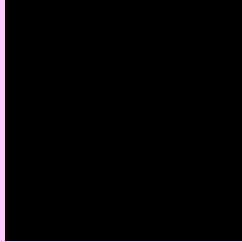
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.1549, 0.3215, 0.2855

Background



This preview shows how black text looks on a background with the Yxy color 70.1549, 0.3215, 0.2855.



This preview shows how white text looks on a background with the Yxy color 70.1549, 0.3215, 0.2855.

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

70.1549, 0.3215, 0.2855

Protanopia

70.6946, 0.2846, 0.2885

Deuteranopia

70.6141, 0.3028, 0.2965



Tritanopia

70.1120, 0.3363, 0.3127

Trichromacy



Original Color

70.1549, 0.3215, 0.2855

Protanomaly

70.4461, 0.2970, 0.2874

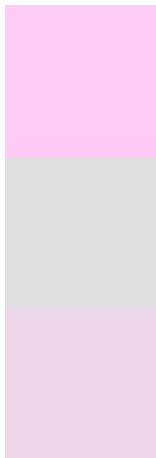
Deuteranomaly

70.3706, 0.3094, 0.2921

Tritanomaly

70.3148, 0.3306, 0.3028

Monochromacy



Original Color

70.1549, 0.3215, 0.2855

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.0326, 0.3164, 0.3123

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.1549, 0.3215, 0.2855 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, 202, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 246)  
}
```

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, 202, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 246) }
```

Border

The CSS property to change the border of an element to Yxy 70.1549, 0.3215, 0.2855 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, 202, 246) }
```

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

```
.border{ border-color:rgb(255, 202, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 202, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 246);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 70.1549, 0.3215, 0.2855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 246) }
```

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

```
.background{ background-color: rgb(255,  
202, 246) }
```

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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