

Converting Colors

Yxy(68.9531, 0.3274, 0.2974)

Have a look what the booklet for
Yxy(68.9531, 0.3274, 0.2974)
contains.

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Color

Yxy(69.1616, 0.3271, 0.2977)

Conversions

Conversions Part 1

Format	Color
Hex	FBCBEA
RGB	251, 203, 234
RGB Percent	98%, 80%, 92%
CMY	0.0156, 0.2039, 0.0825
CMYK	0.00, 0.19, 0.07, 0.02
HSL	321°, 86%, 89%
HSV	321°, 19%, 98%
XYZ	75.9918, 69.1616, 87.1664
YIQ	220.8860, 18.6570, 19.8170

Conversions

Conversions Part 2

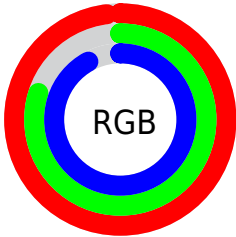
Format	Color
R _Y B	251, 203, 234
Decimal	16501738
CIE Lab	86.58, 21.89, -8.84
CIE LCh	87, 23.610, 338.019
Yxy	69.1616, 0.3271, 0.2977
Android (android.graphics.Color)	4294691818 (0xFFFBCBEA)
YUV	220.8860, 6.4652, 26.4100
Hunter-Lab	83.1635, 17.5709, -3.9294

Details

The Yxy color **69.1616, 0.3271, 0.2977** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.8710, 0.3007, 0.3625**, and the grayscale version is **72.1682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1786, 0.3305, 0.2914** is the 20% darker color. If you saturate the color by 10%, you get **57.7537, 0.3367, 0.2806**, and if you desaturate by 10%, it is **82.5208, 0.3190, 0.3144**.

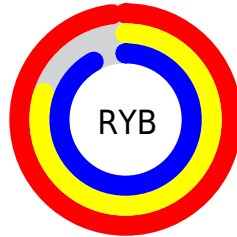
Distribution



Red (98%)

Green (80%)

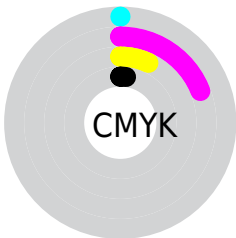
Blue (92%)



Red (98%)

Yellow (80%)

Blue (92%)

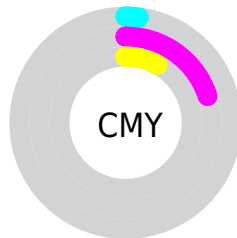


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (2%)



Cyan (2%)


Magenta (20%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1616, 0.3271, 0.2977 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 69.1616, 0.3271, 0.2977 by changing the saturation by 10% instead.


 69.1616, 0.3271,
0.2977

 69.1616, 0.3271,
0.2977


457.6007, 0.3206,
0.3119

 50.8433, 0.3286,
0.2945

118.0124, 0.3249,
0.3026

 36.0839, 0.3304,
0.2906


149.3136, 0.3240,
0.3045

 24.4990, 0.3326,
0.2857

185.7114, 0.3232,
0.3062

 15.7042, 0.3355,
0.2793

227.5900, 0.3226,
0.3076

 9.3151, 0.3394,
0.2708

275.3338, 0.3220,
0.3089

 4.9473, 0.3449,
0.2588


329.3273, 0.3215,


 2.2164, 0.3532,


0.3100


0.2406


389.9548, 0.3210,
0.3110


 0.7289, 0.3681,
0.2081


 0.0000, 0.4592,
0.0000


 69.1616, 0.3271,
0.2977


 69.1616, 0.3271,
0.2977


 57.7537, 0.3367,
0.2806


 82.5208, 0.3190,
0.3144

 48.1952, 0.3478,
0.2637

 97.9083, 0.3122,
0.3304

 40.3891, 0.3604,
0.2477

 99.2522, 0.3103,
0.3290

 34.2255, 0.3745,
0.2338

■ 29.5823, 0.3898,
0.2230

■ 26.3200, 0.4057,
0.2165

■ 24.2731, 0.4217,
0.2150

■ 23.1934, 0.4372,
0.2185

■ 23.1181, 0.4385,
0.2189

Harmonies

Analogous

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



69.1616, 0.2978, 0.2843



69.1616, 0.3271, 0.2977



69.1616, 0.3535, 0.3186

Triad

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



69.1616, 0.3271, 0.2977



69.1616, 0.3519, 0.3786



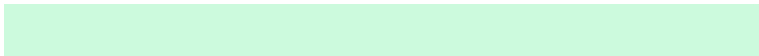
69.1616, 0.2598, 0.3110

Complementary

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



69.1616, 0.3271, 0.2977



86.8710, 0.3007, 0.3625

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.



69.1616, 0.2730, 0.3380



69.1616, 0.3271, 0.2977



69.1616, 0.3257, 0.3788

Square

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



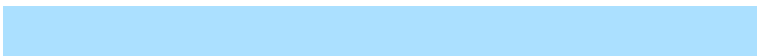
69.1616, 0.3271, 0.2977



69.1616, 0.3680, 0.3648



69.1616, 0.2968, 0.3637



69.1616, 0.2601, 0.2907

Rectangle

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



69.1616, 0.3271, 0.2977



69.1616, 0.3652, 0.3347



69.1616, 0.2968, 0.3637



69.1616, 0.2628, 0.3196

Sweetspot

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



69.1647, 0.3271, 0.2977



90.2788, 0.3167, 0.3195



64.8651, 0.2925, 0.2780



19.1069, 0.3172, 0.3184



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.



69.1647, 0.3271, 0.2977



66.8490, 0.3306, 0.2911



67.8890, 0.3449, 0.3216



17.4138, 0.3193, 0.3138



12.1788, 0.4361, 0.2176



1.1481, 0.4186, 0.2080

Inverse Universe

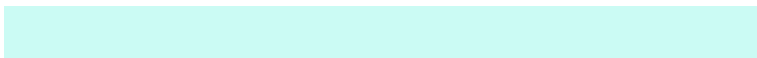
The Inverse Universe completely reimagines the original color for something new.



69.1647, 0.3271, 0.2977



66.8490, 0.3306, 0.2911



88.2217, 0.2877, 0.3365



17.4138, 0.3193, 0.3138



12.1788, 0.4361, 0.2176



1.1481, 0.4186, 0.2080

Previews

White Background



This preview shows how the Yxy color 69.1616, 0.3271, 0.2977 looks on a white background.

Color Contrast Check

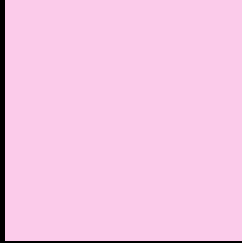
Large Text (above 18pt) WCAG AA × Fail

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 69.1616, 0.3271, 0.2977 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

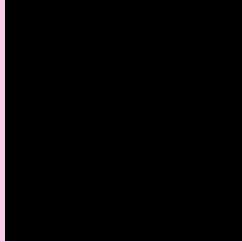
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1616, 0.3271, 0.2977

Background



This preview shows how black text looks on a background with the Yxy color 69.1616, 0.3271, 0.2977.



This preview shows how white text looks on a background with the Yxy color 69.1616, 0.3271, 0.2977.

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

69.1616, 0.3271, 0.2977

Protanopia

69.3078, 0.2944, 0.2998

Deuteranopia

69.4037, 0.3130, 0.3068



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

69.1616, 0.3271, 0.2977

Protanomaly

69.1514, 0.3054, 0.2994

Deuteranomaly

69.1721, 0.3176, 0.3030

Tritanomaly

69.0007, 0.3321, 0.3066

Monochromacy



Original Color

69.1616, 0.3271, 0.2977

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.7399, 0.3177, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1616, 0.3271, 0.2977 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(251, 203, 234)` looks like.

```
.text, #text, p{  
    color:rgb(251, 203, 234)  
}
```

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(251, 203, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 203, 234) }
```

Border

The CSS property to change the border of an element to Yxy 69.1616, 0.3271, 0.2977 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(251, 203, 234) }
```

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

```
.border{ border-color:rgb(251, 203, 234) }
```

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

Here you see how a box with a 4 pixel rgb(251, 203, 234) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 203, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 203, 234);  
box-shadow:4px 4px 4px 4px rgb(251, 203,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1616, 0.3271, 0.2977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 203, 234) }
```

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

```
.background{ background-color: rgb(251,  
203, 234) }
```

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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