

Converting Colors

$Y_{xy}(72.9642, 0.3281, 0.3022)$

Have a look what the booklet for
Yxy(72.9642, 0.3281, 0.3022)
contains.

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Color

Yxy(72.9171, 0.3281, 0.3021)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1EC
RGB	255, 209, 236
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1804, 0.0745
CMYK	0.00, 0.18, 0.07, 0.00
HSL	325°, 100%, 91%
HSV	325°, 18%, 100%
XYZ	79.1927, 72.9171, 89.2577
YIQ	225.8320, 18.7490, 18.1490

Conversions

Conversions Part 2

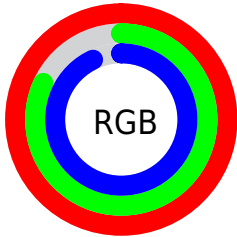
Format	Color
R _Y B	255, 209, 236
Decimal	16765420
CIE Lab	88.41, 20.46, -7.17
CIE LCh	88, 21.675, 340.696
Yxy	72.9171, 0.3281, 0.3021
Android (android.graphics.Color)	4294955500 (0xFFFFD1EC)
YUV	225.8320, 5.0128, 25.5803
Hunter-Lab	85.3915, 16.1069, -2.2003

Details

The Yxy color $72.9171, 0.3281, 0.3021$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $90.6745, 0.2999, 0.3575$, and the grayscale version is $75.8730, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.4123, 0.3319, 0.2959$ is the 20% darker color. If you saturate the color by 10%, you get $60.7912, 0.3389, 0.2864$, and if you desaturate by 10%, it is $87.0711, 0.3189, 0.3173$.

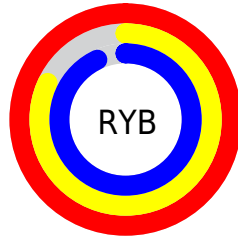
Distribution



Red (100%)

Green (82%)

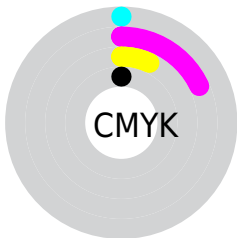
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

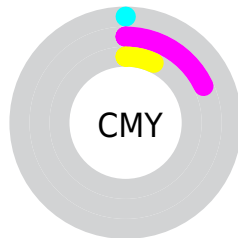


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9171, 0.3281, 0.3021 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 72.9171, 0.3281, 0.3021 by changing the saturation by 10% instead.


 72.9171, 0.3281,
0.3021

 72.9171, 0.3281,
0.3021

470.7274, 0.3211,
0.3143

 53.9082, 0.3297,
0.2994


123.3595, 0.3257,
0.3063

 38.5283, 0.3316,
0.2961


155.5618, 0.3248,
0.3079

 26.3929, 0.3340,
0.2919


192.9307, 0.3240,
0.3093

 17.1178, 0.3371,
0.2865

235.8505, 0.3232,
0.3106

 10.3185, 0.3413,
0.2794

284.7057, 0.3226,
0.3117

 5.6107, 0.3471,
0.2693

339.8807, 0.3221,

 2.6098, 0.3561,

0.3126

0.2542

401.7598, 0.3216,
0.3135

■ 0.9316, 0.3711,
0.2291

■ 0.0000, 0.5178,
0.0000

■ 72.9171, 0.3281,
0.3021

■ 72.9171, 0.3281,
0.3021

■ 60.7912, 0.3389,
0.2864

■ 87.0711, 0.3189,
0.3173

■ 50.6134, 0.3517,
0.2708

100.0000, 0.3127,
0.3290

■ 42.2751, 0.3664,
0.2560

■ 35.6630, 0.3830,
0.2430

■ 30.6516, 0.4013,
0.2329

■ 27.0977, 0.4206,
0.2271

■ 24.8327, 0.4401,
0.2264

■ 23.6277, 0.4590,
0.2310

■ 23.4526, 0.4627,
0.2323

Harmonies

Analogous

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



72.9171, 0.3016, 0.2892



72.9171, 0.3281, 0.3021



72.9171, 0.3512, 0.3216

Triad

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



72.9171, 0.3281, 0.3021



72.9171, 0.3463, 0.3743



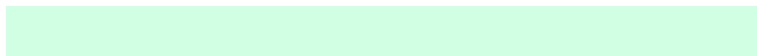
72.9171, 0.2643, 0.3109

Complementary

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



72.9171, 0.3281, 0.3021



90.6745, 0.2999, 0.3575

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.



72.9171, 0.2753, 0.3350



72.9171, 0.3281, 0.3021



72.9171, 0.3222, 0.3730

Square

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



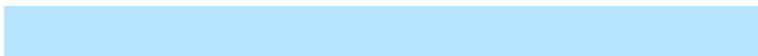
72.9171, 0.3281, 0.3021



72.9171, 0.3618, 0.3630



72.9171, 0.2962, 0.3583



72.9171, 0.2657, 0.2933

Rectangle

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



72.9171, 0.3281, 0.3021



72.9171, 0.3610, 0.3363



72.9171, 0.2962, 0.3583



72.9171, 0.2667, 0.3185

Sweetspot

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



72.9119, 0.3281, 0.3021



91.7987, 0.3165, 0.3218



69.2106, 0.2953, 0.2813



19.4113, 0.3170, 0.3208



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.



72.9119, 0.3281, 0.3021



67.8777, 0.3321, 0.2959



71.6898, 0.3445, 0.3244



18.1660, 0.3202, 0.3151



12.2849, 0.4598, 0.2306



1.2179, 0.4395, 0.2195

Inverse Universe

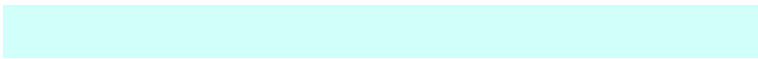
The Inverse Universe completely reimagines the original color for something new.



72.9119, 0.3281, 0.3021



67.8777, 0.3321, 0.2959



92.0009, 0.2879, 0.3337



18.1660, 0.3202, 0.3151



12.2849, 0.4598, 0.2306



1.2179, 0.4395, 0.2195

Previews

White Background



This preview shows how the Yxy color 72.9171, 0.3281, 0.3021 looks on a white background.

Color Contrast Check

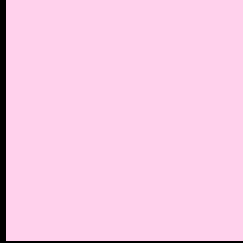
Large Text (above 18pt) WCAG AA × Fail

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 72.9171, 0.3281, 0.3021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

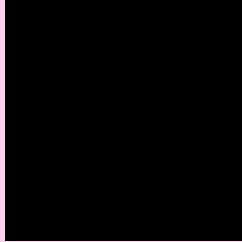
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.9171, 0.3281, 0.3021

Background



This preview shows how black text looks on a background with the Yxy color 72.9171, 0.3281, 0.3021.



This preview shows how white text looks on a background with the Yxy color 72.9171, 0.3281, 0.3021.

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

72.9171, 0.3281, 0.3021

Protanopia

73.3996, 0.2979, 0.3057

Deuteranopia

73.2870, 0.3158, 0.3094



Tritanopia

73.2054, 0.3336, 0.3129

Trichromacy



Original Color

72.9171, 0.3281, 0.3021

Protanomaly

73.2406, 0.3089, 0.3051

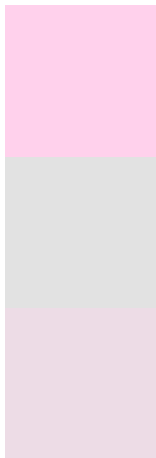
Deuteranomaly

72.8198, 0.3203, 0.3065

Tritanomaly

72.8772, 0.3315, 0.3089

Monochromacy



Original Color

72.9171, 0.3281, 0.3021

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9041, 0.3182, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9171, 0.3281, 0.3021 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, 209, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 236)  
}
```

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, 209, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 236) }
```

Border

The CSS property to change the border of an element to Yxy 72.9171, 0.3281, 0.3021 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, 209, 236) }
```

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

```
.border{ border-color:rgb(255, 209, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 209, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9171, 0.3281, 0.3021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 209, 236) }
```

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

```
.background{ background-color: rgb(255,  
209, 236) }
```

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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