

Converting Colors

$Yxy(71.6555, 0.3292, 0.3008)$

Have a look what the booklet for
Yxy(71.6555, 0.3292, 0.3008)
contains.

Yxy(71.8838, 0.3290, 0.3011)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.8838, 0.3290, 0.3011)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFEB
RGB	255, 207, 235
RGB Percent	100%, 81%, 92%
CMY	0.0000, 0.1882, 0.0785
CMYK	0.00, 0.19, 0.08, 0.00
HSL	325°, 100%, 91%
HSV	325°, 19%, 100%
XYZ	78.5446, 71.8838, 88.3089
YIQ	224.5440, 19.6200, 18.8840

Conversions

Conversions Part 2

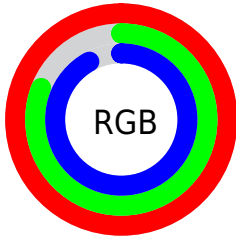
Format	Color
R _Y B	255, 207, 235
Decimal	16764907
CIE Lab	87.91, 21.31, -7.35
CIE LCh	88, 22.539, 340.956
Yxy	71.8838, 0.3290, 0.3011
Android (android.graphics.Color)	4294954987 (0xFFFFCFEB)
YUV	224.5440, 5.1548, 26.7099
Hunter-Lab	84.7843, 16.9907, -2.4058

Details

The Yxy color **71.8838, 0.3290, 0.3011** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3350, 0.2992, 0.3587**, and the grayscale version is **74.9035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7169, 0.3331, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **59.9150, 0.3401, 0.2855**, and if you desaturate by 10%, it is **85.8907, 0.3197, 0.3163**.

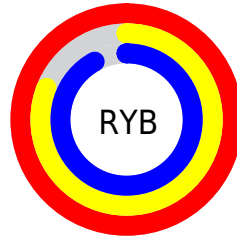
Distribution



Red (100%)

Green (81%)

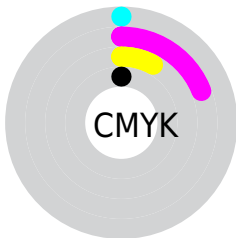
Blue (92%)



Red (100%)

Yellow (81%)

Blue (92%)

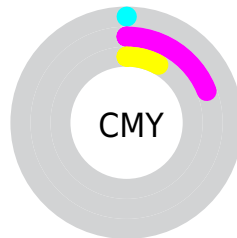


Cyan (0%)

Magenta (19%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8838, 0.3290, 0.3011 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 71.8838, 0.3290, 0.3011 by changing the saturation by 10% instead.


 71.8838, 0.3290,
0.3011

 71.8838, 0.3290,
0.3011


467.1371, 0.3216,
0.3137

 53.0638, 0.3307,
0.2983

121.8913, 0.3265,
0.3054

 37.8537, 0.3327,
0.2948


153.8476, 0.3255,
0.3071

 25.8691, 0.3353,
0.2905


190.9514, 0.3246,
0.3086

 16.7258, 0.3386,
0.2849

233.5871, 0.3238,
0.3099

 10.0392, 0.3430,
0.2774

282.1391, 0.3232,
0.3110

 5.4249, 0.3493,
0.2669

336.9918, 0.3226,

 2.4987, 0.3589,

0.3120

0.2511

398.5297, 0.3221,
0.3129

0.8760, 0.3752,
0.2246

0.0000, 0.5337,
0.0000

71.8838, 0.3290,
0.3011

71.8838, 0.3290,
0.3011

59.9150, 0.3401,
0.2855

85.8907, 0.3197,
0.3163

49.8791, 0.3531,
0.2700

100.0000, 0.3127,
0.3290

41.6750, 0.3682,
0.2554

35.1886, 0.3852,
0.2427

■ 30.2931, 0.4038,
0.2330

■ 26.8438, 0.4234,
0.2277

■ 24.6694, 0.4432,
0.2275

■ 23.5218, 0.4624,
0.2326

■ 23.4162, 0.4646,
0.2333

Harmonies

Analogous

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



71.8838, 0.3013, 0.2876



71.8838, 0.3290, 0.3011



71.8838, 0.3531, 0.3214

Triad

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



71.8838, 0.3290, 0.3011



71.8838, 0.3476, 0.3764



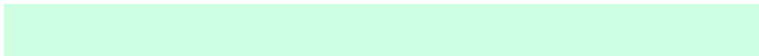
71.8838, 0.2622, 0.3099

Complementary

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



71.8838, 0.3290, 0.3011



90.3350, 0.2992, 0.3587

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.



71.8838, 0.2735, 0.3350



71.8838, 0.3290, 0.3011



71.8838, 0.3223, 0.3750

Square

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



71.8838, 0.3290, 0.3011



71.8838, 0.3639, 0.3646



71.8838, 0.2952, 0.3595



71.8838, 0.2637, 0.2916

Rectangle

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



71.8838, 0.3290, 0.3011



71.8838, 0.3633, 0.3367



71.8838, 0.2952, 0.3595



71.8838, 0.2646, 0.3178

Sweetspot

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



71.8868, 0.3290, 0.3011



90.2192, 0.3173, 0.3204



68.1822, 0.2950, 0.2792



19.0928, 0.3178, 0.3194



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.



71.8868, 0.3290, 0.3011



66.6404, 0.3334, 0.2946



70.5939, 0.3468, 0.3250



18.1646, 0.3202, 0.3152



12.2660, 0.4616, 0.2317



1.2161, 0.4411, 0.2204

Inverse Universe

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



71.8868, 0.3290, 0.3011



66.6404, 0.3334, 0.2946



91.7519, 0.2864, 0.3331



18.1646, 0.3202, 0.3152



12.2660, 0.4616, 0.2317



1.2161, 0.4411, 0.2204

Previews

White Background



This preview shows how the Yxy color 71.8838, 0.3290, 0.3011 looks on a white background.

Color Contrast Check

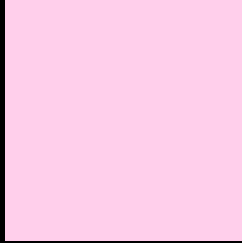
Large Text (above 18pt) WCAG AA × Fail

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 71.8838, 0.3290, 0.3011 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

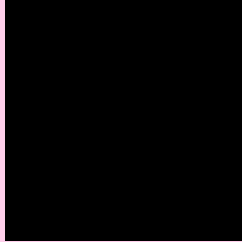
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.8838, 0.3290, 0.3011

Background



This preview shows how black text looks on a background with the Yxy color 71.8838, 0.3290, 0.3011.



This preview shows how white text looks on a background with the Yxy color 71.8838, 0.3290, 0.3011.

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

71.8838, 0.3290, 0.3011

Protanopia

72.0395, 0.2966, 0.3034

Deuteranopia

71.8665, 0.3151, 0.3082



Tritanopia

72.1080, 0.3353, 0.3129

Trichromacy



Original Color

71.8838, 0.3290, 0.3011

Protanomaly

71.8811, 0.3075, 0.3029

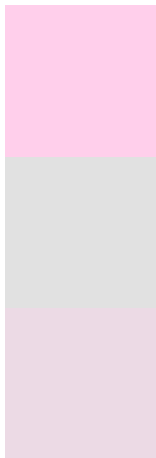
Deuteranomaly

71.5837, 0.3204, 0.3054

Tritanomaly

71.8397, 0.3325, 0.3079

Monochromacy



Original Color

71.8838, 0.3290, 0.3011

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

73.6328, 0.3183, 0.3175

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8838, 0.3290, 0.3011 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, 207, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 235)  
}
```

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, 207, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 235) }
```

Border

The CSS property to change the border of an element to Yxy 71.8838, 0.3290, 0.3011 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, 207, 235) }
```

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

```
.border{ border-color:rgb(255, 207, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8838, 0.3290, 0.3011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 235) }
```

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

```
.background{ background-color: rgb(255,  
207, 235) }
```

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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