

Converting Colors

$Y_{xy}(70.9499, 0.3296, 0.3048)$

Have a look what the booklet for
Yxy(70.9499, 0.3296, 0.3048)
contains.

Yxy(71.0906, 0.3296, 0.3048)	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(71.0906, 0.3296, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	FCCFE7
RGB	252, 207, 231
RGB Percent	99%, 81%, 91%
CMY	0.0119, 0.1882, 0.0941
CMYK	0.00, 0.18, 0.08, 0.01
HSL	328°, 88%, 90%
HSV	328°, 18%, 99%
XYZ	76.8749, 71.0906, 85.2714
YIQ	223.1910, 19.1160, 17.0040

Conversions

Conversions Part 2

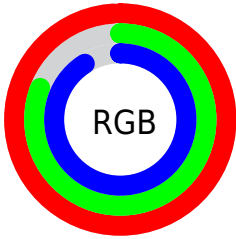
Format	Color
R_{YB}	252, 207, 231
Decimal	16568295
CIE Lab	87.53, 19.61, -5.85
CIE LCh	88, 20.465, 343.384
Yxy	71.0906, 0.3296, 0.3048
Android (android.graphics.Color)	4294758375 (0xFFFCCE7)
YUV	223.1910, 3.8498, 25.2655
Hunter-Lab	84.3152, 15.1967, -0.9417

Details

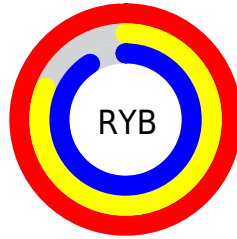
The Yxy color $71.0906, 0.3296, 0.3048$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88.4746, 0.2987, 0.3545$, and the grayscale version is $73.8973, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.1537, 0.3340, 0.2992$ is the 20% darker color. If you saturate the color by 10%, you get $59.1998, 0.3418, 0.2905$, and if you desaturate by 10%, it is $84.9807, 0.3195, 0.3187$.

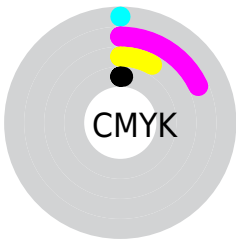
Distribution



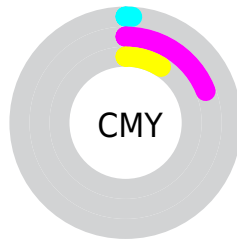
- Red (99%)
- Green (81%)
- Blue (91%)



- Red (99%)
- Yellow (81%)
- Blue (91%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (1%)



- Cyan (1%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.0906, 0.3296, 0.3048 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 71.0906, 0.3296, 0.3048 by changing the saturation by 10% instead.


 71.0906, 0.3296,
0.3048

 71.0906, 0.3296,
0.3048


464.3701, 0.3219,
0.3158

 52.4161, 0.3314,
0.3023


120.7627, 0.3269,
0.3086

 37.3369, 0.3335,
0.2993


152.5292, 0.3259,
0.3101

 25.4684, 0.3362,
0.2954


189.4284, 0.3250,
0.3114

 16.4264, 0.3398,
0.2905

231.8448, 0.3242,
0.3125

 9.8264, 0.3446,
0.2838

280.1628, 0.3235,
0.3135

 5.2840, 0.3514,
0.2744

334.7667, 0.3229,

 2.4148, 0.3620,

0.3143

0.2600

396.0410, 0.3224,
0.3151

0.8335, 0.3805,
0.2353

0.0000, 0.6628,
0.0000

71.0906, 0.3296,
0.3048

71.0906, 0.3296,
0.3048

59.1998, 0.3418,
0.2905

84.9807, 0.3195,
0.3187

49.2057, 0.3562,
0.2762

99.3997, 0.3111,
0.3295

41.0109, 0.3730,
0.2626

99.4311, 0.3108,
0.3290

34.5054, 0.3921,
0.2507

■ 29.5672, 0.4133,
0.2418

■ 26.0575, 0.4359,
0.2370

■ 23.8128, 0.4587,
0.2374

■ 22.6140, 0.4808,
0.2432

■ 22.4242, 0.4855,
0.2448

Harmonies

Analogous

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



71.0906, 0.3043, 0.2918



71.0906, 0.3296, 0.3048



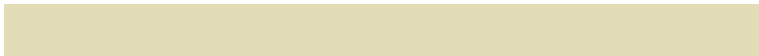
71.0906, 0.3509, 0.3238

Triad

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



71.0906, 0.3296, 0.3048



71.0906, 0.3429, 0.3726



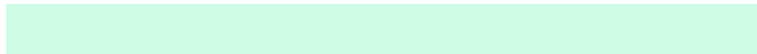
71.0906, 0.2662, 0.3100

Complementary

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



71.0906, 0.3296, 0.3048



88.4746, 0.2987, 0.3545

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.



71.0906, 0.2757, 0.3326



71.0906, 0.3296, 0.3048



71.0906, 0.3195, 0.3701

Square

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



71.0906, 0.3296, 0.3048



71.0906, 0.3586, 0.3628



71.0906, 0.2950, 0.3551



71.0906, 0.2685, 0.2939

Rectangle

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



71.0906, 0.3296, 0.3048



71.0906, 0.3595, 0.3379



71.0906, 0.2950, 0.3551



71.0906, 0.2681, 0.3171

Sweetspot

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



71.0938, 0.3296, 0.3048



91.7560, 0.3169, 0.3225



68.0311, 0.2971, 0.2822



19.4009, 0.3175, 0.3215



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

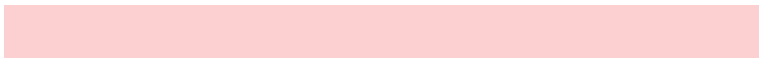
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0938, 0.3296, 0.3048



68.9576, 0.3332, 0.3003



69.9407, 0.3457, 0.3268



17.3800, 0.3210, 0.3164



11.7136, 0.4820, 0.2429



1.1063, 0.4575, 0.2294

Inverse Universe

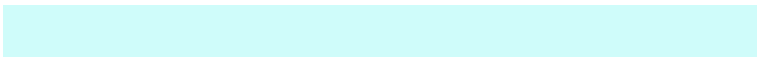
The Inverse Universe completely reimagines the original color for something new.



71.0938, 0.3296, 0.3048



68.9576, 0.3332, 0.3003



89.7588, 0.2870, 0.3313



17.3800, 0.3210, 0.3164



11.7136, 0.4820, 0.2429



1.1063, 0.4575, 0.2294

Previews

White Background



This preview shows how the Yxy color 71.0906, 0.3296, 0.3048 looks on a white background.

Color Contrast Check

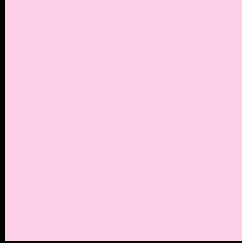
Large Text (above 18pt) WCAG AA × Fail

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 71.0906, 0.3296, 0.3048 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 71.0906, 0.3296, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 71.0906, 0.3296, 0.3048.



This preview shows how white text looks on a background with the Yxy color 71.0906, 0.3296, 0.3048.

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

71.0906, 0.3296, 0.3048

Protanopia

71.2213, 0.2997, 0.3075

Deuteranopia

71.1345, 0.3179, 0.3112



Tritanopia

71.0028, 0.3339, 0.3127

Trichromacy



Original Color

71.0906, 0.3296, 0.3048

Protanomaly

70.9143, 0.3102, 0.3069

Deuteranomaly

71.1789, 0.3225, 0.3094

Tritanomaly

71.1670, 0.3317, 0.3097

Monochromacy



Original Color

71.0906, 0.3296, 0.3048

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.6091, 0.3189, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0906, 0.3296, 0.3048 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(252, 207, 231)` looks like.

```
.text, #text, p{  
    color:rgb(252, 207, 231)  
}
```

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(252, 207, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 207, 231) }
```

Border

The CSS property to change the border of an element to Yxy 71.0906, 0.3296, 0.3048 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(252, 207, 231) }
```

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

```
.border{ border-color:rgb(252, 207, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 207, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 207, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 207, 231);  
box-shadow:4px 4px 4px 4px rgb(252, 207,  
231) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0906, 0.3296, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 207, 231) }
```

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

```
.background{ background-color: rgb(252,  
207, 231) }
```

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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