

Converting Colors

$Y_{xy}(72.4180, 0.3201, 0.2886)$

Have a look what the booklet for
Yxy(72.4180, 0.3201, 0.2886)
contains.

Yxy(72.6630, 0.3197, 0.2886)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6630, 0.3197, 0.2886)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFF8
RGB	255, 207, 248
RGB Percent	100%, 81%, 97%
CMY	0.0001, 0.1882, 0.0273
CMYK	0.00, 0.19, 0.03, 0.00
HSL	309°, 100%, 91%
HSV	309°, 19%, 100%
XYZ	80.4933, 72.6630, 98.6213
YIQ	226.0260, 15.4470, 22.9270

Conversions

Conversions Part 2

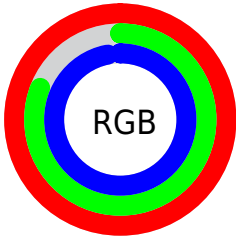
Format	Color
R _Y B	255, 207, 248
Decimal	16764920
CIE Lab	88.29, 23.54, -13.70
CIE LCh	88, 27.240, 329.796
Yxy	72.6630, 0.3197, 0.2886
Android (android.graphics.Color)	4294955000 (0xFFFFCFF8)
YUV	226.0260, 10.8332, 25.4102
Hunter-Lab	85.2426, 19.3803, -8.9256

Details

The Yxy color $72.6630, 0.3197, 0.2886$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $89.6225, 0.3064, 0.3731$, and the grayscale version is $75.9867, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $38.2680, 0.3208, 0.2789$ is the 20% darker color. If you saturate the color by 10%, you get $61.0655, 0.3241, 0.2666$, and if you desaturate by 10%, it is $86.2662, 0.3158, 0.3104$.

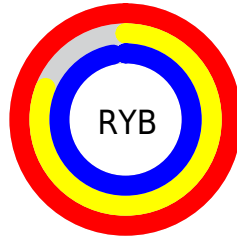
Distribution



Red (100%)

Green (81%)

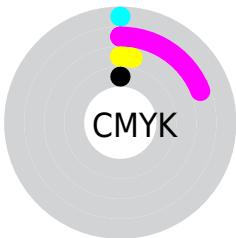
Blue (97%)



Red (100%)

Yellow (81%)

Blue (97%)

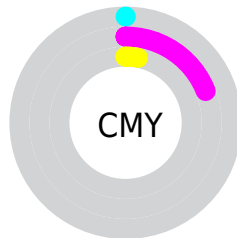


Cyan (0%)

Magenta (19%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6630, 0.3197, 0.2886 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 72.6630, 0.3197, 0.2886 by changing the saturation by 10% instead.


 72.6630, 0.3197,
0.2886

 72.6630, 0.3197,
0.2886


469.8460, 0.3168,
0.3067

 53.7004, 0.3203,
0.2846


122.9987, 0.3187,
0.2947

 38.3622, 0.3210,
0.2798


155.1406, 0.3183,
0.2972

 26.2639, 0.3219,
0.2738


192.4444, 0.3180,
0.2993

 17.0212, 0.3230,
0.2661

235.2945, 0.3177,
0.3011

 10.2496, 0.3243,
0.2559

284.0754, 0.3174,
0.3027

 5.5648, 0.3259,
0.2419

339.1713, 0.3172,

 2.5823, 0.3279,

0.3042

0.2214

400.9667, 0.3170,
0.3055

0.9178, 0.3300,
0.1889

0.0000, 0.3442,
0.0000

72.6630, 0.3197,
0.2886

72.6630, 0.3197,
0.2886

61.0655, 0.3241,
0.2666

86.2662, 0.3158,
0.3104

51.3687, 0.3290,
0.2451

99.9950, 0.3127,
0.3290

43.4723, 0.3343,
0.2251

37.2628, 0.3399,
0.2075

■ 32.6143, 0.3455,
0.1933

■ 29.3827, 0.3511,
0.1834

■ 27.3975, 0.3565,
0.1780

■ 26.4117, 0.3615,
0.1768

■ 26.3229, 0.3621,
0.1768

Harmonies

Analogous

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



72.6630, 0.2873, 0.2765



72.6630, 0.3197, 0.2886



72.6630, 0.3517, 0.3101

Triad

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



72.6630, 0.3197, 0.2886



72.6630, 0.3635, 0.3822



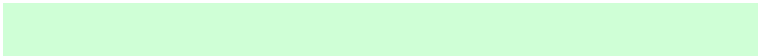
72.6630, 0.2556, 0.3163

Complementary

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



72.6630, 0.3197, 0.2886



89.6225, 0.3064, 0.3731

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.



72.6630, 0.2741, 0.3478



72.6630, 0.3197, 0.2886



72.6630, 0.3360, 0.3875

Square

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



72.6630, 0.3197, 0.2886



72.6630, 0.3776, 0.3630



72.6630, 0.3032, 0.3749



72.6630, 0.2517, 0.2906

Rectangle

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



72.6630, 0.3197, 0.2886



72.6630, 0.3678, 0.3276



72.6630, 0.3032, 0.3749



72.6630, 0.2603, 0.3266

Sweetspot

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



72.6662, 0.3197, 0.2886



90.4820, 0.3148, 0.3164



66.0567, 0.2857, 0.2779



19.1550, 0.3150, 0.3150



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.



72.6662, 0.3197, 0.2886



67.5838, 0.3215, 0.2794



71.3007, 0.3366, 0.3113



18.2526, 0.3160, 0.3089



13.7748, 0.3613, 0.1764



1.3530, 0.3559, 0.1735

Inverse Universe

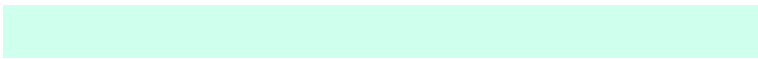
The Inverse Universe completely reimagines the original color for something new.



72.6662, 0.3197, 0.2886



67.5838, 0.3215, 0.2794



90.9073, 0.2936, 0.3474



18.2526, 0.3160, 0.3089



13.7748, 0.3613, 0.1764



1.3530, 0.3559, 0.1735

Previews

White Background



This preview shows how the Yxy color 72.6630, 0.3197, 0.2886 looks on a white background.

Color Contrast Check

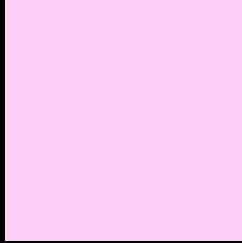
Large Text (above 18pt) WCAG AA × Fail

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 72.6630, 0.3197, 0.2886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

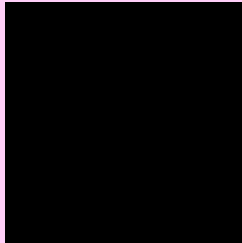
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.6630, 0.3197, 0.2886

Background



This preview shows how black text looks on a background with the Yxy color 72.6630, 0.3197, 0.2886.



This preview shows how white text looks on a background with the Yxy color 72.6630, 0.3197, 0.2886.

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

72.6630, 0.3197, 0.2886

Protanopia

73.0053, 0.2880, 0.2922

Deuteranopia

72.9214, 0.3043, 0.2980



Tritanopia

72.8300, 0.3321, 0.3129

Trichromacy



Original Color

72.6630, 0.3197, 0.2886

Protanomaly

72.4521, 0.2991, 0.2908

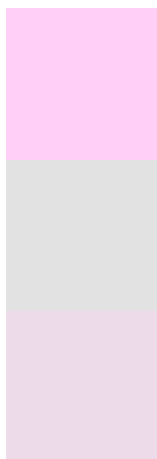
Deuteranomaly

72.8292, 0.3093, 0.2944

Tritanomaly

72.9740, 0.3272, 0.3040

Monochromacy



Original Color

72.6630, 0.3197, 0.2886

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.6081, 0.3156, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6630, 0.3197, 0.2886 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, 248)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 248)  
}
```

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, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 248) }
```

Border

The CSS property to change the border of an element to Yxy 72.6630, 0.3197, 0.2886 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, 248) }
```

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

```
.border{ border-color:rgb(255, 207, 248) }
```

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, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 248);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6630, 0.3197, 0.2886 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, 248) }
```

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

```
.background{ background-color: rgb(255,  
207, 248) }
```

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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