

Converting Colors

$Y_{xy}(73.2253, 0.3192, 0.2890)$

Have a look what the booklet for
Yxy(73.2253, 0.3192, 0.2890)
contains.

Yxy(73.2113, 0.3190, 0.2887)	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(73.2113, 0.3190, 0.2887)

Conversions

Conversions Part 1

Format	Color
Hex	FFD0F9
RGB	255, 208, 249
RGB Percent	100%, 82%, 98%
CMY	0.0000, 0.1843, 0.0236
CMYK	0.00, 0.18, 0.02, 0.00
HSL	308°, 100%, 91%
HSV	308°, 18%, 100%
XYZ	80.8951, 73.2113, 99.4832
YIQ	226.7270, 14.8510, 22.7150

Conversions

Conversions Part 2

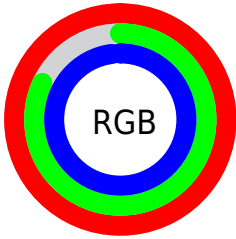
Format	Color
R _Y B	255, 208, 249
Decimal	16765177
CIE Lab	88.55, 23.20, -13.81
CIE LCh	89, 27.001, 329.227
Yxy	73.2113, 0.3190, 0.2887
Android (android.graphics.Color)	4294955257 (0xFFFFD0F9)
YUV	226.7270, 10.9806, 24.7954
Hunter-Lab	85.5636, 19.0243, -9.0408

Details

The Yxy color **73.2113, 0.3190, 0.2887** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **89.7863, 0.3070, 0.3729**, and the grayscale version is **76.5188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.6385, 0.3199, 0.2789** is the 20% darker color. If you saturate the color by 10%, you get **61.5606, 0.3230, 0.2663**, and if you desaturate by 10%, it is **86.8684, 0.3154, 0.3109**.

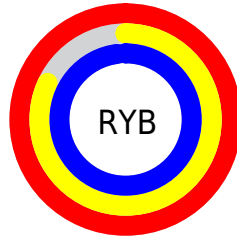
Distribution



Red (100%)

Green (82%)

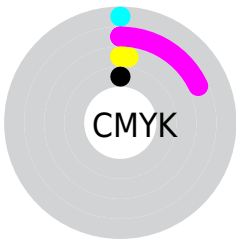
Blue (98%)



Red (100%)

Yellow (82%)

Blue (98%)

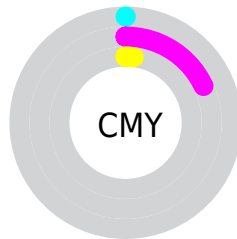


Cyan (0%)

Magenta (18%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.2113, 0.3190, 0.2887 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 73.2113, 0.3190, 0.2887 by changing the saturation by 10% instead.


 73.2113, 0.3190,
0.2887

 73.2113, 0.3190,
0.2887

471.7468, 0.3164,
0.3067

 54.1488, 0.3195,
0.2847


123.7771, 0.3181,
0.2948

 38.7206, 0.3202,
0.2799


156.0492, 0.3178,
0.2972

 26.5424, 0.3209,
0.2739


193.4933, 0.3175,
0.2993

 17.2299, 0.3218,
0.2663

236.4937, 0.3172,
0.3012

 10.3985, 0.3230,
0.2562

285.4348, 0.3170,
0.3028

 5.6640, 0.3243,
0.2423

340.7011, 0.3168,

 2.6419, 0.3259,

0.3042

0.2221

402.6770, 0.3166,
0.3055

0.9478, 0.3273,
0.1900

0.0000, 0.3434,
0.0000

73.2113, 0.3190,
0.2887

73.2113, 0.3190,
0.2887

61.5606, 0.3230,
0.2663

86.8684, 0.3154,
0.3109

51.8149, 0.3274,
0.2445

100.0000, 0.3127,
0.3290

43.8732, 0.3322,
0.2241

37.6226, 0.3372,
0.2062

■ 32.9373, 0.3422,
0.1916

■ 29.6744, 0.3471,
0.1813

■ 27.6643, 0.3518,
0.1755

■ 26.6701, 0.3561,
0.1740

■ 26.5556, 0.3568,
0.1739

Harmonies

Analogous

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



73.2113, 0.2870, 0.2770



73.2113, 0.3190, 0.2887



73.2113, 0.3507, 0.3099

Triad

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



73.2113, 0.3190, 0.2887



73.2113, 0.3634, 0.3814



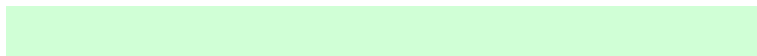
73.2113, 0.2565, 0.3170

Complementary

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



73.2113, 0.3190, 0.2887



89.7863, 0.3070, 0.3729

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.



73.2113, 0.2750, 0.3482



73.2113, 0.3190, 0.2887



73.2113, 0.3364, 0.3869

Square

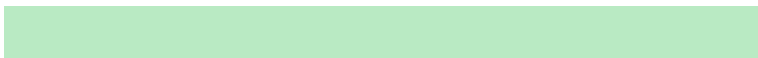
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



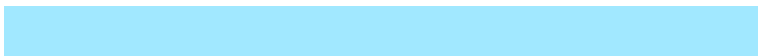
73.2113, 0.3190, 0.2887



73.2113, 0.3769, 0.3622



73.2113, 0.3040, 0.3748



73.2113, 0.2523, 0.2914

Rectangle

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



73.2113, 0.3190, 0.2887



73.2113, 0.3668, 0.3272



73.2113, 0.3040, 0.3748



73.2113, 0.2611, 0.3272

Sweetspot

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



73.2133, 0.3190, 0.2887



90.4984, 0.3146, 0.3162



66.5533, 0.2858, 0.2789



19.1589, 0.3148, 0.3148



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.



73.2133, 0.3190, 0.2887



68.8275, 0.3204, 0.2807



71.8662, 0.3354, 0.3109



18.2581, 0.3158, 0.3085



13.8916, 0.3561, 0.1736



1.3633, 0.3515, 0.1710

Inverse Universe

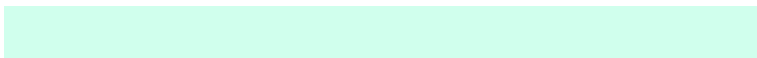
The Inverse Universe completely reimagines the original color for something new.



73.2133, 0.3190, 0.2887



68.8275, 0.3204, 0.2807



91.0442, 0.2944, 0.3479



18.2581, 0.3158, 0.3085



13.8916, 0.3561, 0.1736



1.3633, 0.3515, 0.1710

Previews

White Background



This preview shows how the Yxy color 73.2113, 0.3190, 0.2887 looks on a white background.

Color Contrast Check

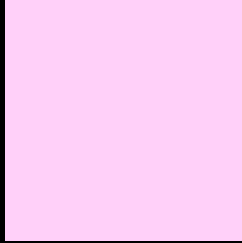
Large Text (above 18pt) WCAG AA × Fail

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 73.2113, 0.3190, 0.2887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

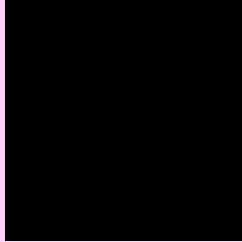
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.2113, 0.3190, 0.2887

Background



This preview shows how black text looks on a background with the Yxy color 73.2113, 0.3190, 0.2887.



This preview shows how white text looks on a background with the Yxy color 73.2113, 0.3190, 0.2887.

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

73.2113, 0.3190, 0.2887

Protanopia

73.5318, 0.2880, 0.2932

Deuteranopia

73.6647, 0.3043, 0.2981



Tritanopia

73.3839, 0.3312, 0.3129

Trichromacy



Original Color

73.2113, 0.3190, 0.2887



Protanomaly

73.0266, 0.2985, 0.2909



Deuteranomaly

73.5712, 0.3093, 0.2946



Tritanomaly

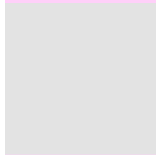
73.5273, 0.3264, 0.3040

Monochromacy



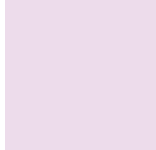
Original Color

73.2113, 0.3190, 0.2887



Achromatopsia

76.8151, 0.3127, 0.3290



Achromatomaly

75.1891, 0.3149, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.2113, 0.3190, 0.2887 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, 208, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 249)  
}
```

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, 208, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 249) }
```

Border

The CSS property to change the border of an element to Yxy 73.2113, 0.3190, 0.2887 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, 208, 249) }
```

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

```
.border{ border-color:rgb(255, 208, 249) }
```

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

Here you see how a box with a 4 pixel rgb(255, 208, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 73.2113, 0.3190, 0.2887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 249) }
```

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

```
.background{ background-color: rgb(255,  
208, 249) }
```

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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