

Converting Colors

$Y_{xy}(73.3320, 0.3231, 0.2954)$

Have a look what the booklet for
Yxy(73.3320, 0.3231, 0.2954)
contains.

Yxy(73.3320, 0.3231, 0.2954)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.3320, 0.3231, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	FFD1F3
RGB	255, 209, 243
RGB Percent	100%, 82%, 95%
CMY	0.0001, 0.1803, 0.0471
CMYK	0.00, 0.18, 0.05, 0.00
HSL	316°, 100%, 91%
HSV	316°, 18%, 100%
XYZ	80.2084, 73.3320, 94.7060
YIQ	226.6300, 16.5020, 20.3260

Conversions

Conversions Part 2

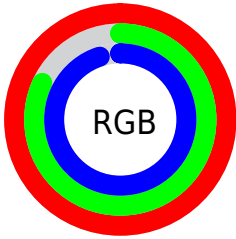
Format	Color
R_{YB}	255, 209, 243
Decimal	16765427
CIE _{Lab}	88.61, 21.61, -10.56
CIE _{LCh}	89, 24.049, 333.958
Yxy	73.3320, 0.3231, 0.2954
Android (android.graphics.Color)	4294955507 (0xFFFFD1F3)
YUV	226.6300, 8.0704, 24.8805
Hunter-Lab	85.6341, 17.3308, -5.6272

Details

The Yxy color **73.3320, 0.3231, 0.2954** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.2827, 0.3037, 0.3651**, and the grayscale version is **76.4648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7048, 0.3253, 0.2874** is the 20% darker color. If you saturate the color by 10%, you get **61.4128, 0.3302, 0.2761**, and if you desaturate by 10%, it is **87.2744, 0.3170, 0.3144**.

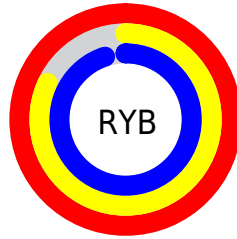
Distribution



Red (100%)

Green (82%)

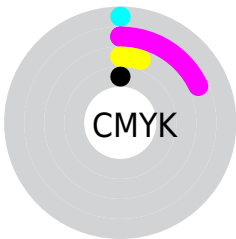
Blue (95%)



Red (100%)

Yellow (82%)

Blue (95%)

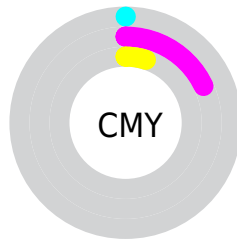


Cyan (0%)

Magenta (18%)

Yellow (5%)

Black (0%)



Cyan (0%)


Magenta (18%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.3320, 0.3231, 0.2954 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 73.3320, 0.3231, 0.2954 by changing the saturation by 10% instead.

 73.3320, 0.3231,
0.2954

 73.3320, 0.3231,
0.2954


472.1647, 0.3185,
0.3105

 54.2475, 0.3241,
0.2921


123.9484, 0.3215,
0.3005

 38.7996, 0.3253,
0.2880


156.2491, 0.3209,
0.3026

 26.6038, 0.3268,
0.2829


193.7239, 0.3204,
0.3043

 17.2759, 0.3287,
0.2764

236.7574, 0.3199,
0.3059

 10.4314, 0.3312,
0.2678

285.7338, 0.3195,
0.3072

 5.6859, 0.3346,
0.2558


341.0375, 0.3191,


 2.6551, 0.3395,


0.3084


0.2380

403.0530, 0.3188,
0.3095

 0.9544, 0.3469,
0.2093


 0.0000, 0.4004,
0.0000

 73.3320, 0.3231,
0.2954

 73.3320, 0.3231,
0.2954


 61.4128, 0.3302,
0.2761

 87.2744, 0.3170,
0.3144

 51.4119, 0.3383,
0.2569

99.9951, 0.3127,
0.3290

 43.2297, 0.3474,
0.2389

 36.7535, 0.3574,
0.2229

■ 31.8582, 0.3680,
0.2101

■ 28.4015, 0.3789,
0.2014

■ 26.2152, 0.3896,
0.1975

■ 25.0715, 0.4000,
0.1984

■ 24.9050, 0.4021,
0.1989

Harmonies

Analogous

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



73.3320, 0.2941, 0.2833



73.3320, 0.3231, 0.2954



73.3320, 0.3503, 0.3155

Triad

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



73.3320, 0.3231, 0.2954



73.3320, 0.3548, 0.3774



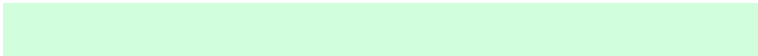
73.3320, 0.2609, 0.3144

Complementary

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



73.3320, 0.3231, 0.2954



90.2827, 0.3037, 0.3651

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.



73.3320, 0.2757, 0.3418



73.3320, 0.3231, 0.2954



73.3320, 0.3295, 0.3796

Square

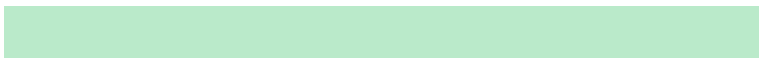
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



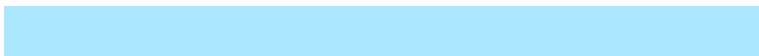
73.3320, 0.3231, 0.2954



73.3320, 0.3690, 0.3621



73.3320, 0.3006, 0.3665



73.3320, 0.2593, 0.2929

Rectangle

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



73.3320, 0.3231, 0.2954



73.3320, 0.3633, 0.3314



73.3320, 0.3006, 0.3665



73.3320, 0.2645, 0.3232

Sweetspot

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



73.3352, 0.3231, 0.2954



91.9207, 0.3153, 0.3199



68.1234, 0.2906, 0.2807



19.4410, 0.3157, 0.3187



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.



73.3352, 0.3231, 0.2954



68.3736, 0.3258, 0.2877



72.0595, 0.3393, 0.3175



18.2147, 0.3178, 0.3116



13.0422, 0.4004, 0.1980



1.2878, 0.3893, 0.1918

Inverse Universe

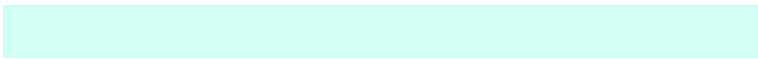
The Inverse Universe completely reimagines the original color for something new.



73.3352, 0.3231, 0.2954



68.3736, 0.3258, 0.2877



91.5621, 0.2915, 0.3409



18.2147, 0.3178, 0.3116



13.0422, 0.4004, 0.1980



1.2878, 0.3893, 0.1918

Previews

White Background



This preview shows how the Yxy color 73.3320, 0.3231, 0.2954 looks on a white background.

Color Contrast Check

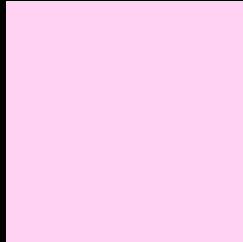
Large Text (above 18pt) WCAG AA × Fail

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 73.3320, 0.3231, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

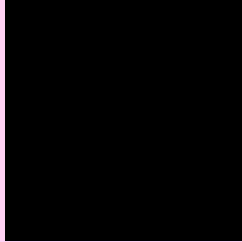
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3320, 0.3231, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 73.3320, 0.3231, 0.2954.



This preview shows how white text looks on a background with the Yxy color 73.3320, 0.3231, 0.2954.

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

73.3320, 0.3231, 0.2954

Protanopia

73.5834, 0.2917, 0.2974

Deuteranopia

73.3554, 0.3097, 0.3022



Tritanopia

73.5711, 0.3320, 0.3129

Trichromacy



Original Color

73.3320, 0.3231, 0.2954

Protanomaly

73.3919, 0.3023, 0.2970

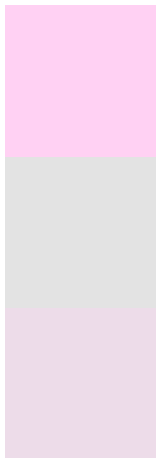
Deuteranomaly

73.0540, 0.3148, 0.2995

Tritanomaly

73.5426, 0.3293, 0.3070

Monochromacy



Original Color

73.3320, 0.3231, 0.2954

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

75.0741, 0.3162, 0.3155

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3320, 0.3231, 0.2954 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, 243)` looks like.

```
.text, #text, p{  
    color:rgb(255, 209, 243)  
}
```

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, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 209, 243) }
```

Border

The CSS property to change the border of an element to Yxy 73.3320, 0.3231, 0.2954 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, 243) }
```

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

```
.border{ border-color:rgb(255, 209, 243) }
```

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, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 209, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 209, 243);  
box-shadow:4px 4px 4px 4px rgb(255, 209,  
243) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3320, 0.3231, 0.2954 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, 243) }
```

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

```
.background{ background-color: rgb(255,  
209, 243) }
```

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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