

Converting Colors

$Yxy(96.1928, 0.3974, 0.3088)$

Have a look what the booklet for
Yxy(96.1928, 0.3974, 0.3088)
contains.

Yxy(73.4093, 0.3280, 0.3031)	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(73.4093, 0.3280, 0.3031)

Conversions

Conversions Part 1

Format	Color
Hex	FFD2EC
RGB	255, 210, 236
RGB Percent	100%, 82%, 93%
CMY	0.0000, 0.1765, 0.0745
CMYK	0.00, 0.18, 0.07, 0.00
HSL	325°, 100%, 91%
HSV	325°, 18%, 100%
XYZ	79.4400, 73.4093, 89.3457
YIQ	226.4190, 18.4740, 17.6260

Conversions

Conversions Part 2

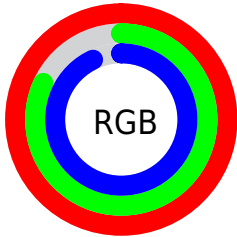
Format	Color
R _Y B	255, 210, 236
Decimal	16765676
CIE Lab	88.64, 19.94, -6.82
CIE LCh	89, 21.071, 341.107
Yxy	73.4093, 0.3280, 0.3031
Android (android.graphics.Color)	4294955756 (0xFFFFD2EC)
YUV	226.4190, 4.7234, 25.0655
Hunter-Lab	85.6792, 15.5628, -1.8518

Details

The Yxy color **73.4093, 0.3280, 0.3031** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.8758, 0.2999, 0.3564**, and the grayscale version is **76.3219, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.7437, 0.3317, 0.2972** is the 20% darker color. If you saturate the color by 10%, you get **61.1940, 0.3390, 0.2877**, and if you desaturate by 10%, it is **87.6575, 0.3187, 0.3181**.

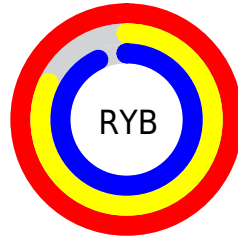
Distribution



Red (100%)

Green (82%)

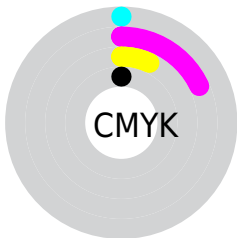
Blue (93%)



Red (100%)

Yellow (82%)

Blue (93%)

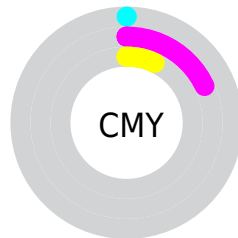


Cyan (0%)

Magenta (18%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (18%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4093, 0.3280, 0.3031 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 73.4093, 0.3280, 0.3031 by changing the saturation by 10% instead.


 73.4093, 0.3280,
0.3031

 73.4093, 0.3280,
0.3031


472.4322, 0.3211,
0.3148

 54.3107, 0.3296,
0.3005


124.0581, 0.3256,
0.3071

 38.8501, 0.3315,
0.2973


156.3771, 0.3247,
0.3087

 26.6432, 0.3339,
0.2933

193.8717, 0.3239,
0.3101

 17.3054, 0.3369,
0.2881

236.9262, 0.3232,
0.3112

 10.4525, 0.3411,
0.2812

285.9251, 0.3226,
0.3123

 5.7000, 0.3469,
0.2716

341.2529, 0.3220,

 2.6635, 0.3558,

0.3132

0.2570

403.2937, 0.3215,
0.3141

0.9587, 0.3708,
0.2329

0.0000, 0.5232,
0.0000

73.4093, 0.3280,
0.3031

73.4093, 0.3280,
0.3031

61.1940, 0.3390,
0.2877

87.6575, 0.3187,
0.3181

50.9324, 0.3519,
0.2723

100.0000, 0.3127,
0.3290

42.5159, 0.3669,
0.2576

35.8318, 0.3839,
0.2447

■ 30.7549, 0.4026,
0.2347

■ 27.1429, 0.4224,
0.2289

■ 24.8284, 0.4425,
0.2282

■ 23.5902, 0.4620,
0.2328

■ 23.3797, 0.4665,
0.2344

Harmonies

Analogous

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



73.4093, 0.3023, 0.2904



73.4093, 0.3280, 0.3031



73.4093, 0.3503, 0.3221

Triad

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



73.4093, 0.3280, 0.3031



73.4093, 0.3451, 0.3730



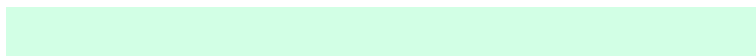
73.4093, 0.2657, 0.3112

Complementary

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



73.4093, 0.3280, 0.3031



90.8758, 0.2999, 0.3564

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.



73.4093, 0.2762, 0.3345



73.4093, 0.3280, 0.3031



73.4093, 0.3216, 0.3715

Square

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



73.4093, 0.3280, 0.3031



73.4093, 0.3602, 0.3622



73.4093, 0.2964, 0.3572



73.4093, 0.2671, 0.2942

Rectangle

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



73.4093, 0.3280, 0.3031



73.4093, 0.3597, 0.3364



73.4093, 0.2964, 0.3572



73.4093, 0.2679, 0.3186

Sweetspot

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



73.4039, 0.3280, 0.3031



91.7916, 0.3165, 0.3219



69.9230, 0.2963, 0.2825



19.4095, 0.3171, 0.3209



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.



73.4039, 0.3280, 0.3031



69.0928, 0.3314, 0.2980



72.1889, 0.3442, 0.3253



18.1632, 0.3203, 0.3153



12.2469, 0.4635, 0.2327



1.2143, 0.4427, 0.2212

Inverse Universe

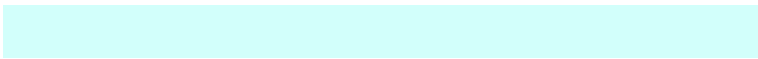
The Inverse Universe completely reimagines the original color for something new.



73.4039, 0.3280, 0.3031



69.0928, 0.3314, 0.2980



92.2006, 0.2880, 0.3328



18.1632, 0.3203, 0.3153



12.2469, 0.4635, 0.2327



1.2143, 0.4427, 0.2212

Previews

White Background



This preview shows how the Yxy color 73.4093, 0.3280, 0.3031 looks on a white background.

Color Contrast Check

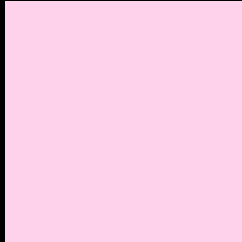
Large Text (above 18pt) WCAG AA × Fail

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 73.4093, 0.3280, 0.3031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

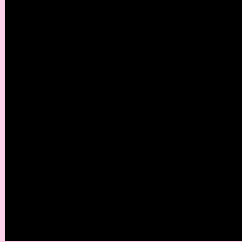
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4093, 0.3280, 0.3031

Background



This preview shows how black text looks on a background with the Yxy color 73.4093, 0.3280, 0.3031.



This preview shows how white text looks on a background with the Yxy color 73.4093, 0.3280, 0.3031.

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

73.4093, 0.3280, 0.3031

Protanopia

73.5561, 0.2986, 0.3057

Deuteranopia

73.4606, 0.3165, 0.3094



Tritanopia

73.2608, 0.3329, 0.3119

Trichromacy



Original Color

73.4093, 0.3280, 0.3031

Protanomaly

73.2406, 0.3089, 0.3051

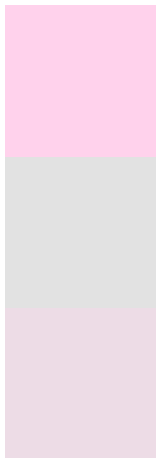
Deuteranomaly

73.5038, 0.3210, 0.3076

Tritanomaly

73.4289, 0.3307, 0.3090

Monochromacy



Original Color

73.4093, 0.3280, 0.3031

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

74.9041, 0.3182, 0.3186

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4093, 0.3280, 0.3031 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, 210, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 210, 236)  
}
```

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, 210, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 210, 236) }
```

Border

The CSS property to change the border of an element to Yxy 73.4093, 0.3280, 0.3031 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, 210, 236) }
```

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

```
.border{ border-color:rgb(255, 210, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 210, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 210, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 210, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 210,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4093, 0.3280, 0.3031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 210, 236) }
```

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

```
.background{ background-color: rgb(255,  
210, 236) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor