

Converting Colors

$Yxy(87.3829, 0.3818, 0.3193)$

Have a look what the booklet for
Yxy(87.3829, 0.3818, 0.3193)
contains.

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Color

Yxy(73.7288, 0.3364, 0.3170)

Conversions

Conversions Part 1

Format	Color
Hex	FFD4E0
RGB	255, 212, 224
RGB Percent	100%, 83%, 88%
CMY	0.0000, 0.1686, 0.1216
CMYK	0.00, 0.17, 0.12, 0.00
HSL	343°, 100%, 92%
HSV	343°, 17%, 100%
XYZ	78.2409, 73.7288, 80.6133
YIQ	226.2250, 21.7760, 12.8480

Conversions

Conversions Part 2

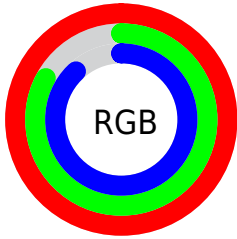
Format	Color
R _Y B	255, 212, 224
Decimal	16766176
CIE Lab	88.79, 16.90, -0.25
CIE LCh	89, 16.902, 359.149
Yxy	73.7288, 0.3364, 0.3170
Android (android.graphics.Color)	4294956256 (0xFFFFD4E0)
YUV	226.2250, -1.0969, 25.2357
Hunter-Lab	85.8655, 12.3852, 4.4425

Details

The Yxy color **73.7288, 0.3364, 0.3170** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.9896, 0.2935, 0.3414**, and the grayscale version is **76.2187, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.9843, 0.3419, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **61.0254, 0.3549, 0.3094**, and if you desaturate by 10%, it is **88.5524, 0.3214, 0.3243**.

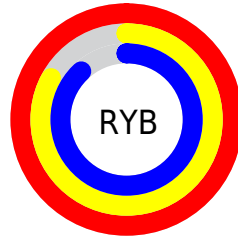
Distribution



Red (100%)

Green (83%)

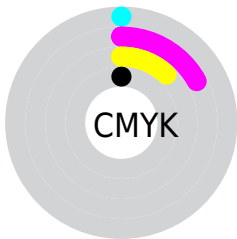
Blue (88%)



Red (100%)

Yellow (83%)

Blue (88%)

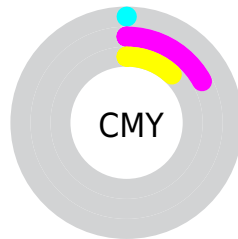


Cyan (0%)

Magenta (17%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7288, 0.3364, 0.3170 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 73.7288, 0.3364, 0.3170 by changing the saturation by 10% instead.


 73.7288, 0.3364,
0.3170

 73.7288, 0.3364,
0.3170

473.5368, 0.3255,
0.3225

 54.5721, 0.3389,
0.3157


124.5113, 0.3326,
0.3189

 39.0592, 0.3420,
0.3142


156.9059, 0.3311,
0.3197

 26.8058, 0.3459,
0.3122


194.4819, 0.3299,
0.3203

 17.4274, 0.3510,
0.3096

237.6237, 0.3288,
0.3209

 10.5397, 0.3580,
0.3061

286.7157, 0.3278,
0.3214

 5.7582, 0.3680,
0.3010

342.1423, 0.3269,

 2.6986, 0.3838,

0.3218

0.2931

404.2879, 0.3262,
0.3222

0.9765, 0.4119,
0.2790

0.0000, 1.0000,
0.0000

73.7288, 0.3364,
0.3170

73.7288, 0.3364,
0.3170

61.0254, 0.3549,
0.3094

88.5524, 0.3214,
0.3243

50.3461, 0.3775,
0.3018

100.0000, 0.3127,
0.3290

41.5849, 0.4046,
0.2946

34.6269, 0.4365,
0.2887

■ 29.3447, 0.4725,
0.2852

■ 25.5940, 0.5106,
0.2852

■ 23.2058, 0.5476,
0.2896

■ 21.9669, 0.5796,
0.2984

■ 21.7155, 0.5884,
0.3015

Harmonies

Analogous

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



73.7288, 0.3169, 0.3032



73.7288, 0.3364, 0.3170



73.7288, 0.3497, 0.3341

Triad

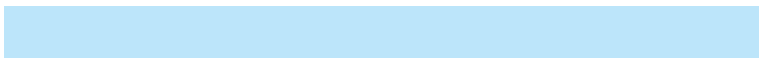
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.7288, 0.3364, 0.3170



73.7288, 0.3280, 0.3646



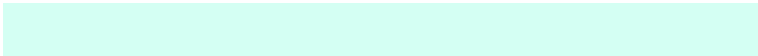
73.7288, 0.2743, 0.3058

Complementary

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



73.7288, 0.3364, 0.3170



91.9896, 0.2935, 0.3414

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.



73.7288, 0.2771, 0.3221



73.7288, 0.3364, 0.3170



73.7288, 0.3076, 0.3570

Square

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



73.7288, 0.3364, 0.3170



73.7288, 0.3446, 0.3619



73.7288, 0.2891, 0.3411



73.7288, 0.2813, 0.2965

Rectangle

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



73.7288, 0.3364, 0.3170



73.7288, 0.3529, 0.3453



73.7288, 0.2891, 0.3411



73.7288, 0.2741, 0.3106

Sweetspot

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



73.7283, 0.3364, 0.3170



91.5549, 0.3189, 0.3256



73.3297, 0.3061, 0.2859



19.3521, 0.3198, 0.3251



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

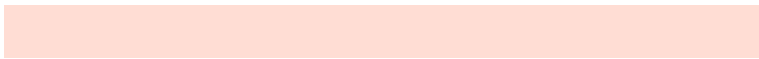
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.7283, 0.3364, 0.3170



69.5186, 0.3418, 0.3146



77.8943, 0.3436, 0.3385



18.0702, 0.3250, 0.3224



11.3684, 0.5843, 0.2992



1.1245, 0.5523, 0.2816

Inverse Universe

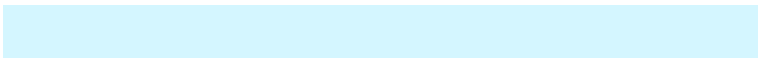
The Inverse Universe completely reimagines the original color for something new.



73.7283, 0.3364, 0.3170



69.5186, 0.3418, 0.3146



86.9364, 0.2867, 0.3193



18.0702, 0.3250, 0.3224



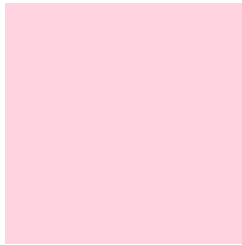
11.3684, 0.5843, 0.2992



1.1245, 0.5523, 0.2816

Previews

White Background



This preview shows how the Yxy color 73.7288, 0.3364, 0.3170 looks on a white background.

Color Contrast Check

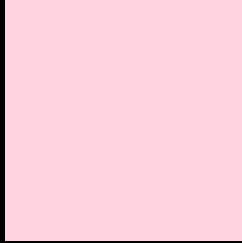
Large Text (above 18pt) WCAG AA × Fail

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 73.7288, 0.3364, 0.3170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

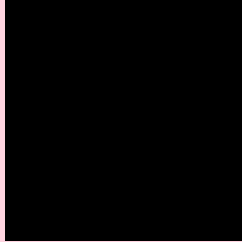
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.7288, 0.3364, 0.3170

Background



This preview shows how black text looks on a background with the Yxy color 73.7288, 0.3364, 0.3170.

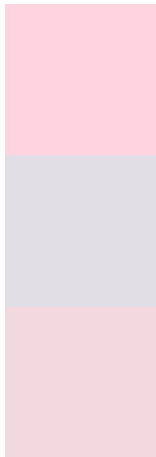


This preview shows how white text looks on a background with the Yxy color 73.7288, 0.3364, 0.3170.

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

73.7288, 0.3364, 0.3170

Protanopia

73.9633, 0.3096, 0.3205

Deuteranopia

73.6725, 0.3284, 0.3218



Tritanopia

73.9484, 0.3335, 0.3130

Trichromacy



Original Color

73.7288, 0.3364, 0.3170

Protanomaly

73.5771, 0.3190, 0.3186

Deuteranomaly

73.8850, 0.3315, 0.3209

Tritanomaly

73.8930, 0.3342, 0.3140

Monochromacy



Original Color

73.7288, 0.3364, 0.3170

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.1537, 0.3215, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7288, 0.3364, 0.3170 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, 212, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 224)  
}
```

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, 212, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 224) }
```

Border

The CSS property to change the border of an element to Yxy 73.7288, 0.3364, 0.3170 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, 212, 224) }
```

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

```
.border{ border-color:rgb(255, 212, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
224) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7288, 0.3364, 0.3170$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 224) }
```

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

```
.background{ background-color: rgb(255,  
212, 224) }
```

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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