

Converting Colors

$Y_{xy}(73.7253, 0.3470, 0.3336)$

Have a look what the booklet for
Yxy(73.7253, 0.3470, 0.3336)
contains.

Yxy(73.9566, 0.3470, 0.3342)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.9566, 0.3470, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	FFD6D1
RGB	255, 214, 209
RGB Percent	100%, 84%, 82%
CMY	0.0001, 0.1607, 0.1804
CMYK	0.00, 0.16, 0.18, 0.00
HSL	7°, 100%, 91%
HSV	7°, 18%, 100%
XYZ	76.7892, 73.9566, 70.5487
YIQ	225.6890, 26.0410, 7.1370

Conversions

Conversions Part 2

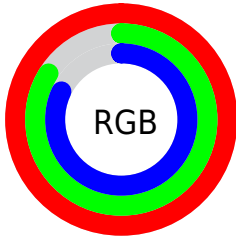
Format	Color
R _Y B	255, 215, 209
Decimal	16766673
CIE _{Lab}	88.90, 13.52, 7.80
CIE _{LCh}	89, 15.609, 29.988
Yxy	73.9566, 0.3470, 0.3342
Android (android.graphics.Color)	4294956753 (0xFFFFD6D1)
YUV	225.6890, -8.2277, 25.7057
Hunter-Lab	85.9980, 8.8893, 11.5599

Details

The Yxy color **73.9566, 0.3470, 0.3342** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.1235, 0.2852, 0.3237**, and the grayscale version is **75.8642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.1686, 0.3551, 0.3343** is the 20% darker color. If you saturate the color by 10%, you get **62.0872, 0.3723, 0.3373**, and if you desaturate by 10%, it is **87.6384, 0.3264, 0.3312**.

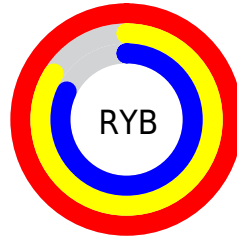
Distribution



Red (100%)

Green (84%)

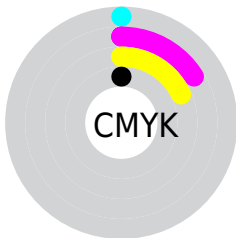
Blue (82%)



Red (100%)

Yellow (84%)

Blue (82%)

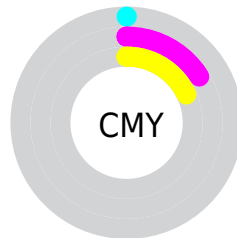


Cyan (0%)

Magenta (16%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.9566, 0.3470, 0.3342 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 73.9566, 0.3470, 0.3342 by changing the saturation by 10% instead.

 73.9566, 0.3470,
0.3342

 73.9566, 0.3470,
0.3342


474.3236, 0.3311,
0.3320

 54.7585, 0.3507,
0.3346


124.8343, 0.3415,
0.3335

 39.2084, 0.3552,
0.3352


157.2827, 0.3393,
0.3332

 26.9219, 0.3609,
0.3358


194.9166, 0.3375,
0.3329

 17.5146, 0.3685,
0.3365

238.1205, 0.3358,
0.3327

 10.6020, 0.3788,
0.3374

287.2788, 0.3344,
0.3325

 5.7999, 0.3938,
0.3383

342.7758, 0.3332,

 2.7238, 0.4173,

0.3323

0.3392

404.9959, 0.3321,
0.3322

0.9893, 0.4695,
0.3460

0.0000, 1.0000,
0.0000

73.9566, 0.3470,
0.3342

73.9566, 0.3470,
0.3342

62.0872, 0.3723,
0.3373

87.6384, 0.3264,
0.3312

51.9446, 0.4031,
0.3404

99.9960, 0.3127,
0.3290

43.4513, 0.4399,
0.3432

36.5197, 0.4820,
0.3452

■ 31.0544, 0.5273,
0.3459

■ 26.9494, 0.5710,
0.3447

■ 24.0842, 0.6070,
0.3412

■ 22.3150, 0.6298,
0.3363

■ 22.0774, 0.6330,
0.3356

Harmonies

Analogous

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



73.9566, 0.3350, 0.3183



73.9566, 0.3470, 0.3342



73.9566, 0.3495, 0.3493

Triad

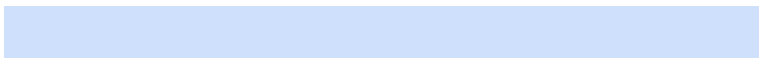
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.9566, 0.3470, 0.3342



73.9566, 0.3075, 0.3544



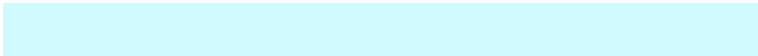
73.9566, 0.2840, 0.2988

Complementary

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



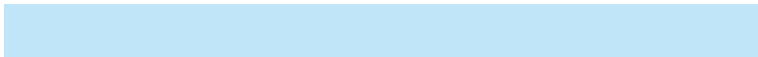
73.9566, 0.3470, 0.3342



89.1235, 0.2852, 0.3237

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.



73.9566, 0.2772, 0.3073



73.9566, 0.3470, 0.3342



73.9566, 0.2905, 0.3397

Square

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



73.9566, 0.3470, 0.3342



73.9566, 0.3263, 0.3617



73.9566, 0.2796, 0.3222



73.9566, 0.2985, 0.2983

Rectangle

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



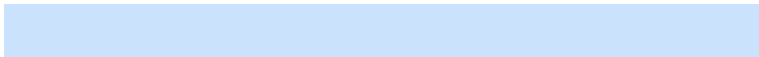
73.9566, 0.3470, 0.3342



73.9566, 0.3454, 0.3569



73.9566, 0.2796, 0.3222



73.9566, 0.2808, 0.3008

Sweetspot

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



73.9599, 0.3470, 0.3342



92.1710, 0.3210, 0.3304



73.7832, 0.3180, 0.2884



19.5011, 0.3222, 0.3306



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

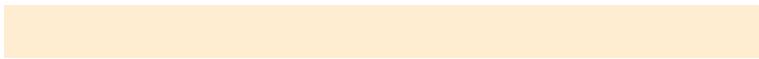
The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.9599, 0.3470, 0.3342



69.0500, 0.3564, 0.3354



86.1893, 0.3430, 0.3566



18.3057, 0.3292, 0.3317



11.6399, 0.6314, 0.3369



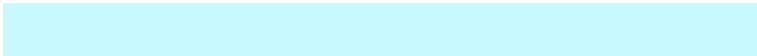
1.2325, 0.6158, 0.3492

Inverse Universe

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



89.1235, 0.2852, 0.3237



87.0270, 0.2794, 0.3225



75.9268, 0.2839, 0.2998



20.1230, 0.2980, 0.3263



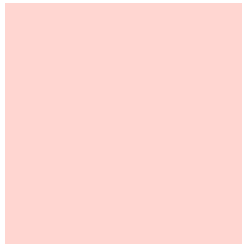
32.6700, 0.2151, 0.2942



3.2736, 0.2163, 0.2985

Previews

White Background



This preview shows how the Yxy color 73.9566, 0.3470, 0.3342 looks on a white background.

Color Contrast Check

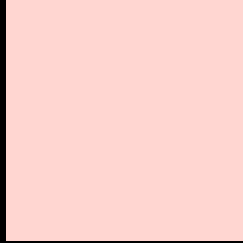
Large Text (above 18pt) WCAG AA × Fail

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 73.9566, 0.3470, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

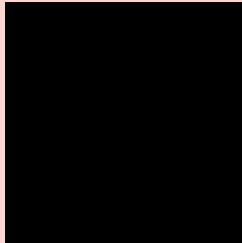
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.9566, 0.3470, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 73.9566, 0.3470, 0.3342.

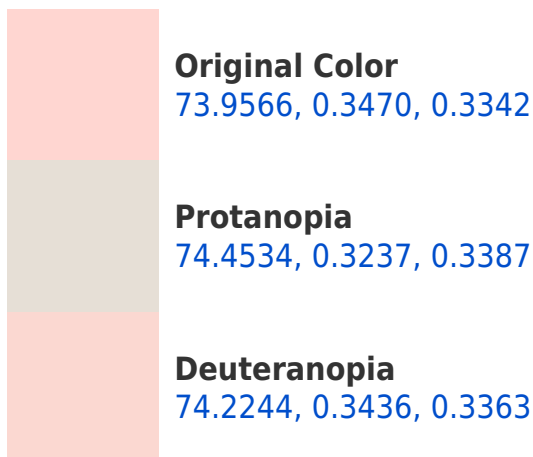


This preview shows how white text looks on a background with the Yxy color 73.9566, 0.3470, 0.3342.

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

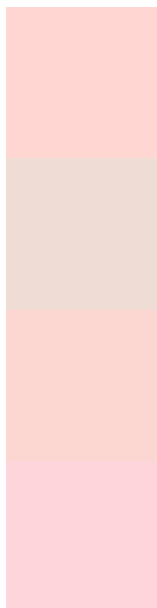




Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

73.9566, 0.3470, 0.3342

Protanomaly

74.2906, 0.3319, 0.3375

Deuteranomaly

73.8998, 0.3446, 0.3352

Tritanomaly

74.0158, 0.3391, 0.3220

Monochromacy



Original Color

73.9566, 0.3470, 0.3342

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.4144, 0.3248, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9566, 0.3470, 0.3342 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, 214, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 214, 209)  
}
```

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, 214, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 214, 209) }
```

Border

The CSS property to change the border of an element to Yxy 73.9566, 0.3470, 0.3342 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, 214, 209) }
```

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

```
.border{ border-color:rgb(255, 214, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 214, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 214, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 214, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 214,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9566, 0.3470, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 214, 209) }
```

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

```
.background{ background-color: rgb(255,  
214, 209) }
```

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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