

Converting Colors

$Y_{xy}(73.9970, 0.3452, 0.3364)$

Have a look what the booklet for
Yxy(73.9970, 0.3452, 0.3364)
contains.

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Color

Yxy(73.8504, 0.3453, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	FCD7D0
RGB	252, 215, 208
RGB Percent	99%, 84%, 82%
CMY	0.0118, 0.1568, 0.1844
CMYK	0.00, 0.15, 0.17, 0.01
HSL	10°, 88%, 90%
HSV	10°, 17%, 99%
XYZ	75.8268, 73.8504, 69.9196
YIQ	225.2650, 24.2990, 5.6670

Conversions

Conversions Part 2

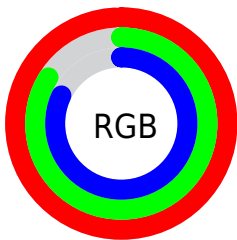
Format	Color
R_{YB}	252, 216, 208
Decimal	16570320
CIE _{Lab}	88.85, 11.78, 8.23
CIE _{LCh}	89, 14.373, 34.937
Y _{xy}	73.8504, 0.3453, 0.3363
Android (android.graphics.Color)	4294760400 (0xFFFC7D0)
YUV	225.2650, -8.5116, 23.4466
Hunter-Lab	85.9363, 7.1129, 11.9157

Details

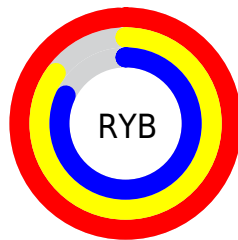
The Yxy color **73.8504, 0.3453, 0.3363** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.7190, 0.2859, 0.3216**, and the grayscale version is **75.5458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0768, 0.3528, 0.3370** is the 20% darker color. If you saturate the color by 10%, you get **62.6146, 0.3697, 0.3408**, and if you desaturate by 10%, it is **86.6857, 0.3253, 0.3320**.

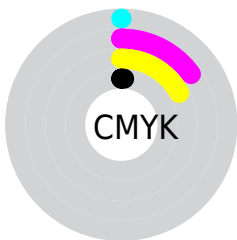
Distribution



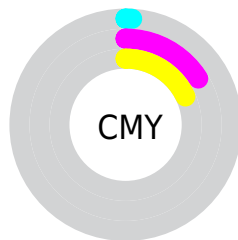
- Red (99%)
- Green (84%)
- Blue (82%)



- Red (99%)
- Yellow (85%)
- Blue (82%)



- Cyan (0%)
- Magenta (15%)
- Yellow (17%)
- Black (1%)





- Cyan (1%)
- Magenta (16%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.8504, 0.3453, 0.3363 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 73.8504, 0.3453, 0.3363 by changing the saturation by 10% instead.


 73.8504, 0.3453,
0.3363

 73.8504, 0.3453,
0.3363


473.9569, 0.3301,
0.3331

 54.6716, 0.3488,
0.3370


124.6837, 0.3400,
0.3352

 39.1389, 0.3531,
0.3378


157.1070, 0.3380,
0.3348

 26.8678, 0.3586,
0.3388


194.7140, 0.3362,
0.3344

 17.4739, 0.3657,
0.3400

237.8889, 0.3347,
0.3341

 10.5730, 0.3756,
0.3415

287.0163, 0.3333,
0.3338

 5.7805, 0.3898,
0.3434

342.4805, 0.3322,

 2.7121, 0.4122,

0.3336

0.3458

404.6659, 0.3311,
0.3333

0.9833, 0.4643,
0.3572

0.0000, 1.0000,
0.0000

73.8504, 0.3453,
0.3363

73.8504, 0.3453,
0.3363

62.6146, 0.3697,
0.3408

86.6857, 0.3253,
0.3320

52.9057, 0.3992,
0.3453

99.4344, 0.3109,
0.3290

44.6606, 0.4341,
0.3494

37.8077, 0.4741,
0.3526

■ 32.2695, 0.5173,
0.3541

■ 27.9606, 0.5600,
0.3529

■ 24.7852, 0.5965,
0.3488

■ 22.6321, 0.6219,
0.3421

■ 22.2285, 0.6268,
0.3405

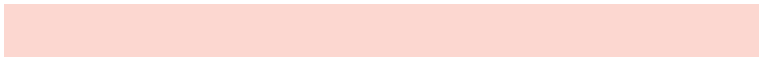
Harmonies

Analogous

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



73.8504, 0.3356, 0.3215



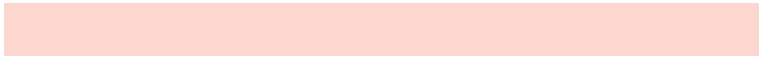
73.8504, 0.3453, 0.3363



73.8504, 0.3460, 0.3497

Triad

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



73.8504, 0.3453, 0.3363



73.8504, 0.3052, 0.3505



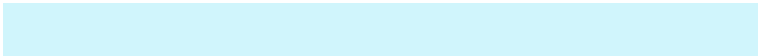
73.8504, 0.2880, 0.3006

Complementary

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



73.8504, 0.3453, 0.3363



85.7190, 0.2859, 0.3216

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.



73.8504, 0.2804, 0.3073



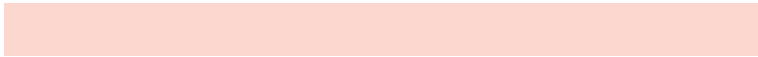
73.8504, 0.3453, 0.3363



73.8504, 0.2901, 0.3362

Square

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



73.8504, 0.3453, 0.3363



73.8504, 0.3225, 0.3586



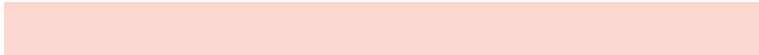
73.8504, 0.2812, 0.3203



73.8504, 0.3023, 0.3013

Rectangle

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



73.8504, 0.3453, 0.3363



73.8504, 0.3413, 0.3561



73.8504, 0.2812, 0.3203



73.8504, 0.2847, 0.3020

Sweetspot

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



73.8537, 0.3453, 0.3363



92.5596, 0.3209, 0.3310



72.4137, 0.3193, 0.2918



19.5951, 0.3221, 0.3313



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.



73.8537, 0.3453, 0.3363



71.5925, 0.3534, 0.3379



85.5786, 0.3416, 0.3579



17.6727, 0.3290, 0.3329



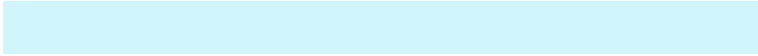
11.7159, 0.6246, 0.3423



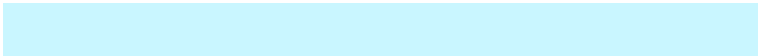
1.2106, 0.6045, 0.3582

Inverse Universe

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



85.7190, 0.2859, 0.3216



85.8843, 0.2807, 0.3199



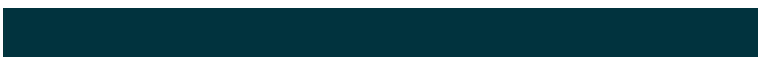
73.4170, 0.2848, 0.2984



19.1087, 0.2980, 0.3251



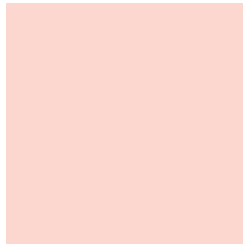
28.3077, 0.2104, 0.2773



2.7442, 0.2123, 0.2841

Previews

White Background



This preview shows how the Yxy color 73.8504, 0.3453, 0.3363 looks on a white background.

Color Contrast Check

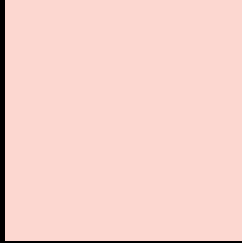
Large Text (above 18pt) WCAG AA × Fail

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 73.8504, 0.3453, 0.3363 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 73.8504, 0.3453, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 73.8504, 0.3453, 0.3363.

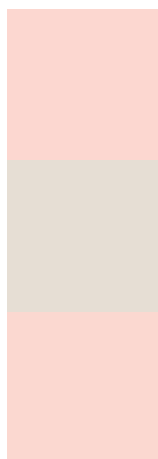


This preview shows how white text looks on a background with the Yxy color 73.8504, 0.3453, 0.3363.

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

73.8504, 0.3453, 0.3363

Protanopia

73.8190, 0.3251, 0.3398

Deuteranopia

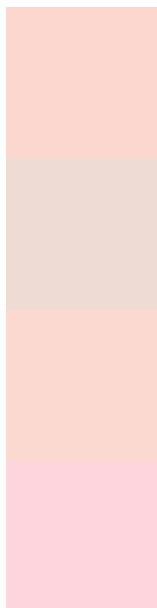
74.1750, 0.3444, 0.3373



Tritanopia

73.9484, 0.3335, 0.3130

Trichromacy



Original Color

73.8504, 0.3453, 0.3363

Protanomaly

73.5433, 0.3320, 0.3375

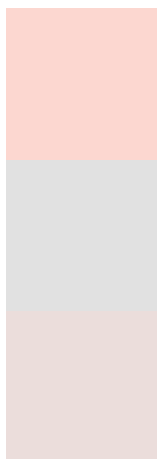
Deuteranomaly

74.1750, 0.3444, 0.3373

Tritanomaly

73.8798, 0.3377, 0.3210

Monochromacy



Original Color

73.8504, 0.3453, 0.3363

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.4895, 0.3241, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8504, 0.3453, 0.3363 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(252, 215, 208)` looks like.

```
.text, #text, p{  
    color:rgb(252, 215, 208)  
}
```

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(252, 215, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 215, 208) }
```

Border

The CSS property to change the border of an element to Yxy 73.8504, 0.3453, 0.3363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

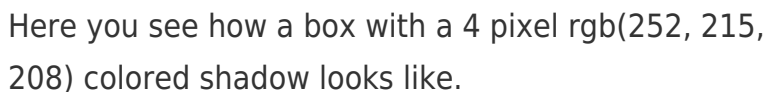
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(252, 215, 208) }
```

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

```
.border{ border-color:rgb(252, 215, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(252, 215, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 215, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 215, 208);  
box-shadow:4px 4px 4px 4px rgb(252, 215,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8504, 0.3453, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 215, 208) }
```

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

```
.background{ background-color: rgb(252,  
215, 208) }
```

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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