

Converting Colors

$Y_{xy}(112.6813, 0.4524, 0.3384)$

Have a look what the booklet for
Yxy(112.6813, 0.4524, 0.3384)
contains.

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Color

Yxy(74.1251, 0.3520, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CA
RGB	255, 215, 202
RGB Percent	100%, 84%, 79%
CMY	0.0000, 0.1569, 0.2079
CMYK	0.00, 0.16, 0.21, 0.00
HSL	15°, 100%, 90%
HSV	15°, 21%, 100%
XYZ	76.2034, 74.1251, 66.1584
YIQ	225.4780, 28.0130, 4.4370

Conversions

Conversions Part 2

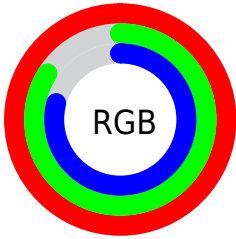
Format	Color
R _Y B	255, 219, 202
Decimal	16766922
CIE Lab	88.98, 11.99, 11.61
CIE LCh	89, 16.687, 44.070
Yxy	74.1251, 0.3520, 0.3424
Android (android.graphics.Color)	4294957002 (0xFFFFD7CA)
YUV	225.4780, -11.5747, 25.8908
Hunter-Lab	86.0959, 7.3222, 14.7072

Details

The Yxy color **74.1251, 0.3520, 0.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2688, 0.2807, 0.3152**, and the grayscale version is **75.7258, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2855, 0.3617, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **63.7871, 0.3768, 0.3493**, and if you desaturate by 10%, it is **85.8160, 0.3312, 0.3357**.

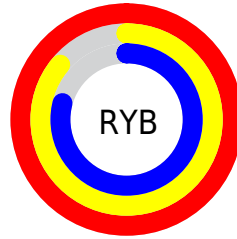
Distribution



Red (100%)

Green (84%)

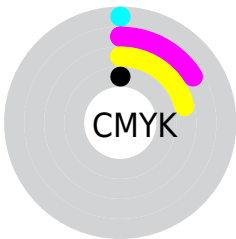
Blue (79%)



Red (100%)

Yellow (86%)

Blue (79%)

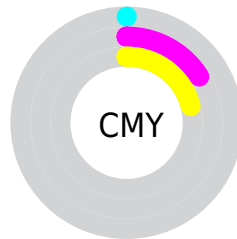


Cyan (0%)

Magenta (16%)

Yellow (21%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1251, 0.3520, 0.3424 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 74.1251, 0.3520, 0.3424 by changing the saturation by 10% instead.


 74.1251, 0.3520,
0.3424

 74.1251, 0.3520,
0.3424


474.9050, 0.3337,
0.3365

 54.8964, 0.3562,
0.3437


125.0731, 0.3456,
0.3404

 39.3188, 0.3614,
0.3452


157.5613, 0.3432,
0.3396

 27.0078, 0.3680,
0.3471


195.2381, 0.3411,
0.3389

 17.5791, 0.3766,
0.3494

238.4878, 0.3392,
0.3383

 10.6482, 0.3883,
0.3524

287.6950, 0.3376,
0.3378

 5.8308, 0.4053,
0.3562

343.2440, 0.3362,

 2.7425, 0.4318,

0.3373

0.3611

405.5192, 0.3349,
0.3369

0.9988, 0.5064,
0.3882

0.0000, 1.0000,
0.0000

74.1251, 0.3520,
0.3424

74.1251, 0.3520,
0.3424

63.7871, 0.3768,
0.3493

85.8160, 0.3312,
0.3357

54.7507, 0.4062,
0.3561

98.9051, 0.3139,
0.3295

46.9639, 0.4402,
0.3622

100.0000, 0.3127,
0.3290

40.3703, 0.4782,
0.3667

■ 34.9090, 0.5182,
0.3687

■ 30.5135, 0.5568,
0.3669

■ 27.1096, 0.5895,
0.3608

■ 24.7721, 0.6118,
0.3525

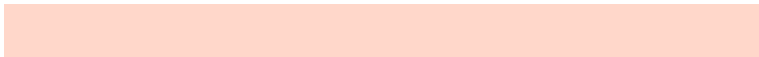
Harmonies

Analogous

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



74.1251, 0.3436, 0.3254



74.1251, 0.3520, 0.3424



74.1251, 0.3494, 0.3567

Triad

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



74.1251, 0.3520, 0.3424



74.1251, 0.2981, 0.3495



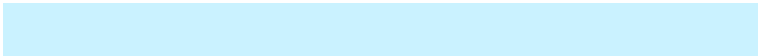
74.1251, 0.2885, 0.2955

Complementary

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



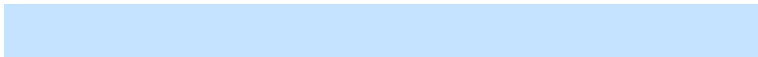
74.1251, 0.3520, 0.3424



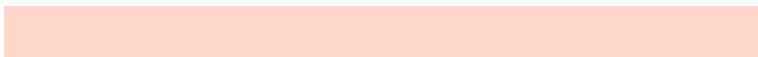
83.2688, 0.2807, 0.3152

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.



74.1251, 0.2771, 0.3006



74.1251, 0.3520, 0.3424



74.1251, 0.2825, 0.3316

Square

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



74.1251, 0.3520, 0.3424



74.1251, 0.3179, 0.3616



74.1251, 0.2750, 0.3136



74.1251, 0.3065, 0.2989

Rectangle

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



74.1251, 0.3520, 0.3424



74.1251, 0.3419, 0.3625



74.1251, 0.2750, 0.3136



74.1251, 0.2838, 0.2962

Sweetspot

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



74.1257, 0.3520, 0.3424



91.9083, 0.3226, 0.3327



69.9430, 0.3239, 0.2887



19.4903, 0.3237, 0.3331



0.0000, 0.0000, 0.0000



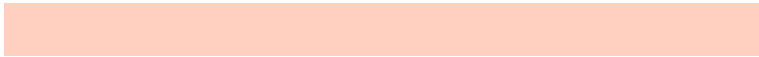
21.4041, 0.3127, 0.3290

Same Dimension

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



74.1257, 0.3520, 0.3424



69.6112, 0.3619, 0.3453



88.3530, 0.3469, 0.3678



18.7113, 0.3288, 0.3349



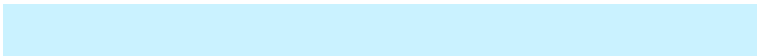
13.1385, 0.6090, 0.3546



1.4420, 0.5874, 0.3718

Inverse Universe

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



83.2688, 0.2807, 0.3152



80.2653, 0.2744, 0.3121



68.9492, 0.2787, 0.2869



19.6814, 0.2980, 0.3230



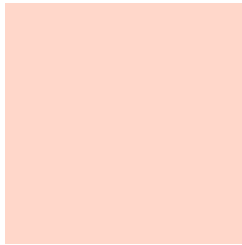
23.8076, 0.2020, 0.2473



2.4892, 0.2049, 0.2577

Previews

White Background



This preview shows how the Yxy color 74.1251, 0.3520, 0.3424 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 74.1251, 0.3520, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

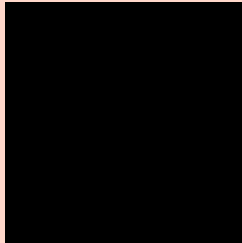
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1251, 0.3520, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 74.1251, 0.3520, 0.3424.

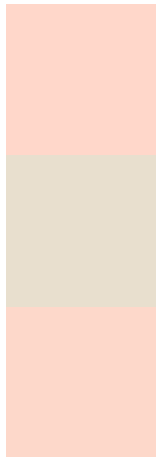


This preview shows how white text looks on a background with the Yxy color 74.1251, 0.3520, 0.3424.

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

74.1251, 0.3520, 0.3424

Protanopia

74.3874, 0.3305, 0.3473

Deuteranopia

74.2586, 0.3502, 0.3435



Tritanopia

73.8930, 0.3342, 0.3140

Trichromacy



Original Color

74.1251, 0.3520, 0.3424

Protanomaly

74.1194, 0.3376, 0.3449

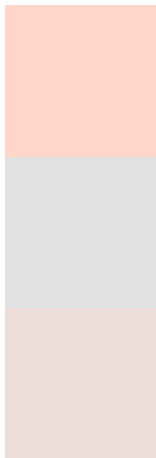
Deuteranomaly

74.4468, 0.3510, 0.3434

Tritanomaly

73.9105, 0.3406, 0.3240

Monochromacy



Original Color

74.1251, 0.3520, 0.3424

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5555, 0.3262, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1251, 0.3520, 0.3424 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, 215, 202)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 202)  
}
```

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, 215, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 202) }
```

Border

The CSS property to change the border of an element to Yxy 74.1251, 0.3520, 0.3424 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, 215, 202) }
```

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

```
.border{ border-color:rgb(255, 215, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 202);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1251, 0.3520, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 202) }
```

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

```
.background{ background-color: rgb(255,  
215, 202) }
```

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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