

Converting Colors

$Y_{xy}(112.6021, 0.4541, 0.3399)$

Have a look what the booklet for
Yxy(112.6021, 0.4541, 0.3399)
contains.

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Color

Yxy(74.0310, 0.3535, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7C8
RGB	255, 215, 200
RGB Percent	100%, 84%, 78%
CMY	0.0000, 0.1570, 0.2156
CMYK	0.00, 0.16, 0.22, 0.00
HSL	16°, 100%, 89%
HSV	16°, 22%, 100%
XYZ	75.9871, 74.0310, 64.9383
YIQ	225.2500, 28.6550, 3.8150

Conversions

Conversions Part 2

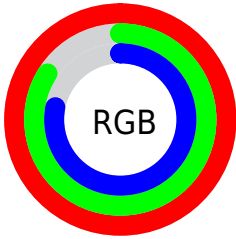
Format	Color
R _Y B	255, 221, 200
Decimal	16766920
CIE Lab	88.94, 11.74, 12.58
CIE LCh	89, 17.206, 46.970
Yxy	74.0310, 0.3535, 0.3444
Android (android.graphics.Color)	4294957000 (0xFFFFD7C8)
YUV	225.2500, -12.4482, 26.0907
Hunter-Lab	86.0413, 7.0695, 15.4807

Details

The Yxy color **74.0310, 0.3535, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.8460, 0.2794, 0.3130**, and the grayscale version is **75.5507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2227, 0.3637, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **64.0039, 0.3782, 0.3520**, and if you desaturate by 10%, it is **85.3085, 0.3326, 0.3370**.

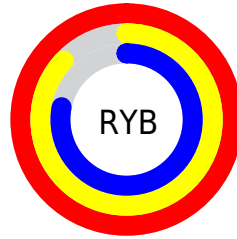
Distribution



Red (100%)

Green (84%)

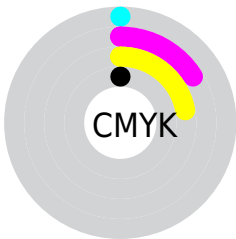
Blue (78%)



Red (100%)

Yellow (87%)

Blue (78%)

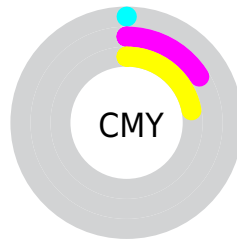


Cyan (0%)

Magenta (16%)

Yellow (22%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.0310, 0.3535, 0.3444 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 74.0310, 0.3535, 0.3444 by changing the saturation by 10% instead.


 74.0310, 0.3535,
0.3444

 74.0310, 0.3535,
0.3444


474.5804, 0.3345,
0.3376

 54.8194, 0.3579,
0.3459


124.9398, 0.3469,
0.3421

 39.2572, 0.3632,
0.3476


157.4057, 0.3443,
0.3412

 26.9598, 0.3701,
0.3498


195.0586, 0.3421,
0.3404

 17.5431, 0.3790,
0.3525

238.2827, 0.3402,
0.3397

 10.6224, 0.3912,
0.3560

287.4626, 0.3385,
0.3391

 5.8136, 0.4088,
0.3605

342.9826, 0.3370,

 2.7320, 0.4361,

0.3385

0.3663

405.2270, 0.3357,
0.3381

0.9935, 0.5196,
0.4006

0.0000, 1.0000,
0.0000

74.0310, 0.3535,
0.3444

74.0310, 0.3535,
0.3444

64.0039, 0.3782,
0.3520

85.3085, 0.3326,
0.3370

55.2131, 0.4073,
0.3595

97.9109, 0.3152,
0.3300

47.5998, 0.4408,
0.3662

100.0000, 0.3127,
0.3290

41.1123, 0.4779,
0.3712

■ 35.6950, 0.5168,
0.3733

■ 31.2868, 0.5541,
0.3715

■ 27.8200, 0.5857,
0.3651

■ 25.5631, 0.6060,
0.3570

Harmonies

Analogous

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



74.0310, 0.3459, 0.3269



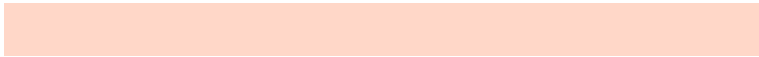
74.0310, 0.3535, 0.3444



74.0310, 0.3497, 0.3586

Triad

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



74.0310, 0.3535, 0.3444



74.0310, 0.2958, 0.3486



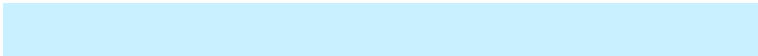
74.0310, 0.2893, 0.2944

Complementary

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



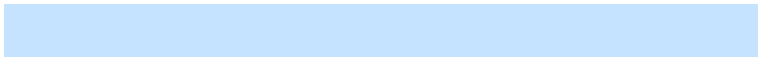
74.0310, 0.3535, 0.3444



81.8460, 0.2794, 0.3130

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.



74.0310, 0.2768, 0.2988



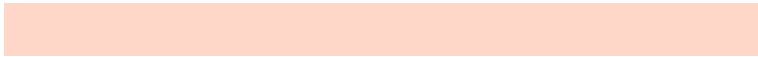
74.0310, 0.3535, 0.3444



74.0310, 0.2804, 0.3298

Square

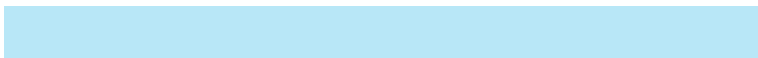
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0310, 0.3535, 0.3444



74.0310, 0.3160, 0.3618



74.0310, 0.2736, 0.3115



74.0310, 0.3083, 0.2988

Rectangle

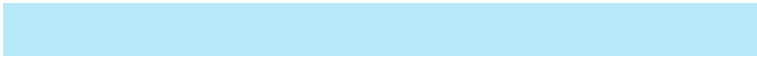
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0310, 0.3535, 0.3444



74.0310, 0.3414, 0.3642



74.0310, 0.2736, 0.3115



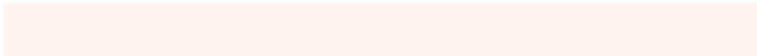
74.0310, 0.2842, 0.2949

Sweetspot

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



74.0205, 0.3534, 0.3444



92.1523, 0.3225, 0.3331



68.8885, 0.3257, 0.2889



19.5478, 0.3237, 0.3335



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.



74.0205, 0.3534, 0.3444



69.4203, 0.3639, 0.3478



89.0371, 0.3479, 0.3711



18.7911, 0.3288, 0.3355



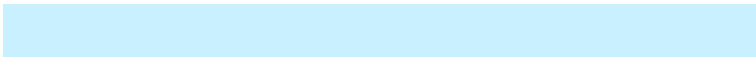
13.5679, 0.6032, 0.3593



1.4933, 0.5812, 0.3767

Inverse Universe

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



81.8460, 0.2794, 0.3130



78.5464, 0.2727, 0.3094



67.0137, 0.2772, 0.2831



19.5964, 0.2980, 0.3224



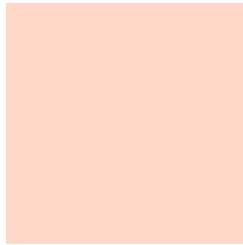
22.3002, 0.1994, 0.2379



2.3531, 0.2027, 0.2495

Previews

White Background



This preview shows how the Yxy color 74.0310, 0.3535, 0.3444 looks on a white background.

Color Contrast Check

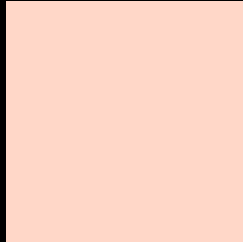
Large Text (above 18pt) WCAG AA × Fail

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 74.0310, 0.3535, 0.3444 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

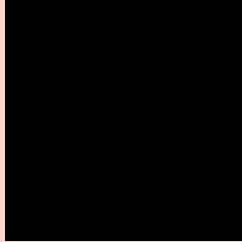
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.0310, 0.3535, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 74.0310, 0.3535, 0.3444.

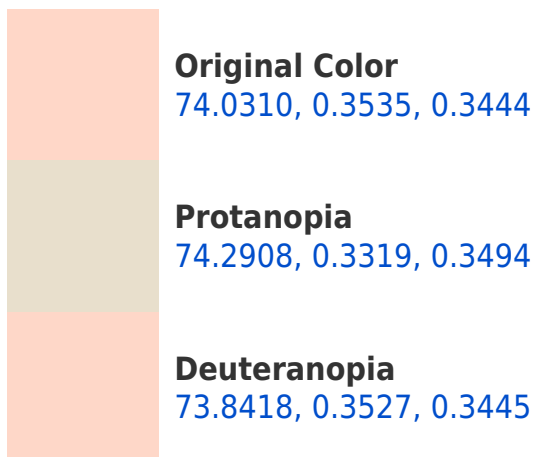


This preview shows how white text looks on a background with the Yxy color 74.0310, 0.3535, 0.3444.

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

74.0310, 0.3535, 0.3444

Protanomaly

74.0235, 0.3390, 0.3470

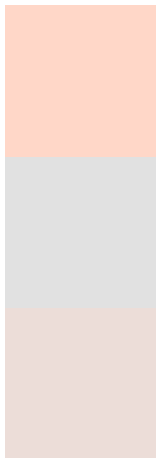
Deuteranomaly

73.8418, 0.3527, 0.3445

Tritanomaly

73.8583, 0.3413, 0.3250

Monochromacy



Original Color

74.0310, 0.3535, 0.3444

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.5036, 0.3269, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0310, 0.3535, 0.3444 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, 200)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 200)  
}
```

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, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 200) }
```

Border

The CSS property to change the border of an element to Yxy 74.0310, 0.3535, 0.3444 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, 200) }
```

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

```
.border{ border-color:rgb(255, 215, 200) }
```

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, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 200);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0310, 0.3535, 0.3444 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, 200) }
```

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

```
.background{ background-color: rgb(255,  
215, 200) }
```

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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