

Converting Colors

$Y_{xy}(100.2698, 0.4230, 0.3398)$

Have a look what the booklet for
Yxy(100.2698, 0.4230, 0.3398)
contains.

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Color

Yxy(75.7624, 0.3499, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	FFDACC
RGB	255, 218, 204
RGB Percent	100%, 85%, 80%
CMY	0.0002, 0.1450, 0.2001
CMYK	0.00, 0.14, 0.20, 0.00
HSL	17°, 100%, 90%
HSV	17°, 20%, 100%
XYZ	77.1965, 75.7624, 67.6655
YIQ	227.4670, 26.5460, 3.4900

Conversions

Conversions Part 2

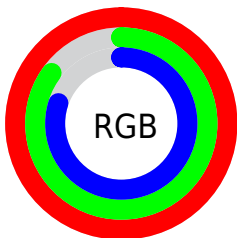
Format	Color
R _Y B	255, 223, 204
Decimal	16767692
CIE Lab	89.75, 10.69, 11.65
CIE LCh	90, 15.814, 47.464
Yxy	75.7624, 0.3499, 0.3434
Android (android.graphics.Color)	4294957772 (0xFFFFDACC)
YUV	227.4670, -11.5692, 24.1464
Hunter-Lab	87.0416, 5.9873, 14.8375

Details

The Yxy color **75.7624, 0.3499, 0.3434** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.9088, 0.2818, 0.3141**, and the grayscale version is **77.2434, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.4022, 0.3588, 0.3461** is the 20% darker color. If you saturate the color by 10%, you get **65.5878, 0.3740, 0.3511**, and if you desaturate by 10%, it is **87.2117, 0.3297, 0.3360**.

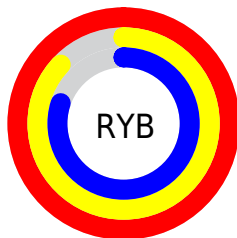
Distribution



Red (100%)

Green (85%)

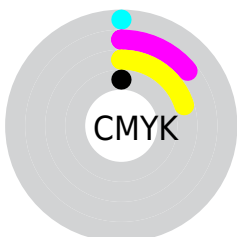
Blue (80%)



Red (100%)

Yellow (87%)

Blue (80%)

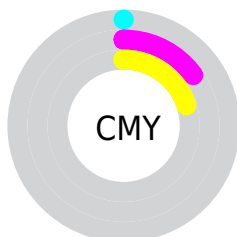


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7624, 0.3499, 0.3434 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 75.7624, 0.3499, 0.3434 by changing the saturation by 10% instead.


 75.7624, 0.3499,
0.3434

 75.7624, 0.3499,
0.3434


480.5340, 0.3327,
0.3370

 56.2377, 0.3538,
0.3448


127.3910, 0.3439,
0.3413

 40.3935, 0.3587,
0.3464


160.2637, 0.3416,
0.3404

 27.8455, 0.3648,
0.3485


198.3545, 0.3396,
0.3397

 18.2092, 0.3729,
0.3511

242.0478, 0.3379,
0.3390

 11.1003, 0.3838,
0.3544

291.7280, 0.3363,
0.3384

 6.1343, 0.3995,
0.3587

347.7795, 0.3350,

 2.9269, 0.4237,

0.3379

0.3646

410.5867, 0.3338,
0.3375

■ 1.0937, 0.4851,
0.3873

■ 0.0000, 1.0000,
0.0000

■ 75.7624, 0.3499,
0.3434

■ 75.7624, 0.3499,
0.3434

■ 65.5878, 0.3740,
0.3511

■ 87.2117, 0.3297,
0.3360

■ 56.6330, 0.4023,
0.3588

99.9677, 0.3127,
0.3290

■ 48.8541, 0.4351,
0.3657

99.9921, 0.3127,
0.3290

■ 42.2008, 0.4715,
0.3711

■ 36.6186, 0.5101,
0.3739

■ 32.0484, 0.5478,
0.3727

■ 28.4244, 0.5805,
0.3670

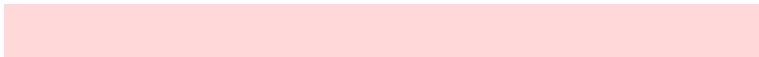
■ 25.6650, 0.6052,
0.3576

■ 25.6641, 0.6052,
0.3576

Harmonies

Analogous

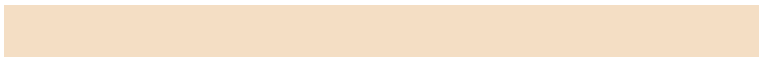
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



75.7624, 0.3432, 0.3274



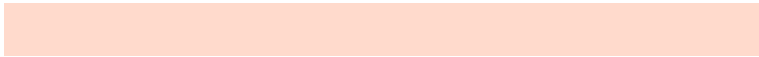
75.7624, 0.3499, 0.3434



75.7624, 0.3463, 0.3562

Triad

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



75.7624, 0.3499, 0.3434



75.7624, 0.2970, 0.3465



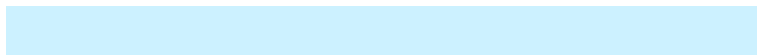
75.7624, 0.2916, 0.2974

Complementary

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



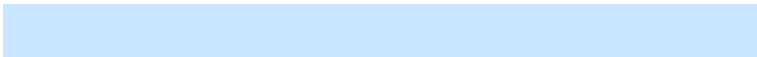
75.7624, 0.3499, 0.3434



82.9088, 0.2818, 0.3141

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.



75.7624, 0.2800, 0.3013



75.7624, 0.3499, 0.3434



75.7624, 0.2831, 0.3295

Square

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



75.7624, 0.3499, 0.3434



75.7624, 0.3155, 0.3587



75.7624, 0.2769, 0.3129



75.7624, 0.3091, 0.3015

Rectangle

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



75.7624, 0.3499, 0.3434



75.7624, 0.3386, 0.3611



75.7624, 0.2769, 0.3129



75.7624, 0.2869, 0.2978

Sweetspot

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



75.7658, 0.3499, 0.3434



92.1842, 0.3225, 0.3331



70.7990, 0.3246, 0.2919



19.5553, 0.3236, 0.3336



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.



75.7658, 0.3499, 0.3434



71.5675, 0.3591, 0.3465



89.7492, 0.3451, 0.3679



18.8015, 0.3287, 0.3356



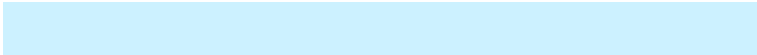
13.6276, 0.6024, 0.3599



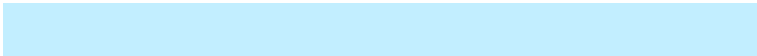
1.5003, 0.5804, 0.3774

Inverse Universe

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



82.9088, 0.2818, 0.3141



79.8915, 0.2757, 0.3108



69.0974, 0.2800, 0.2868



19.5853, 0.2980, 0.3223



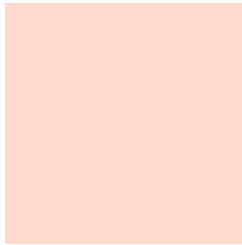
22.1083, 0.1991, 0.2366



2.3357, 0.2024, 0.2484

Previews

White Background



This preview shows how the Yxy color 75.7624, 0.3499, 0.3434 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 75.7624, 0.3499, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

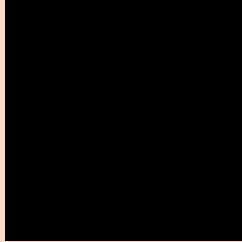
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 75.7624, 0.3499, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 75.7624, 0.3499, 0.3434.

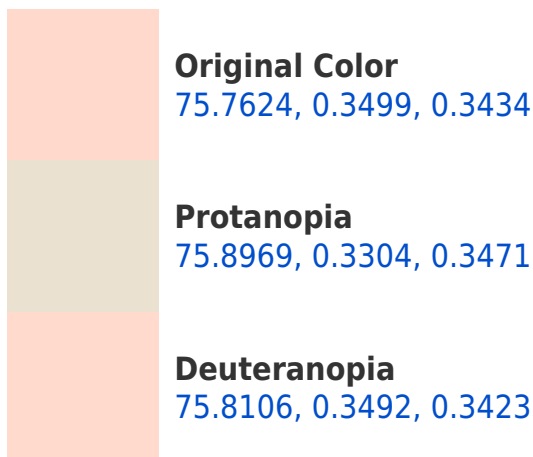


This preview shows how white text looks on a background with the Yxy color 75.7624, 0.3499, 0.3434.

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

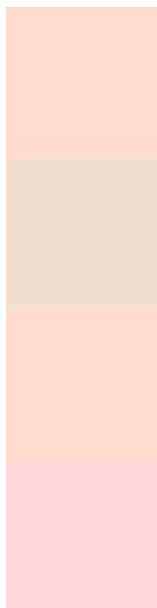




Tritanopia

75.5740, 0.3317, 0.3141

Trichromacy



Original Color

75.7624, 0.3499, 0.3434

Protanomaly

75.6248, 0.3374, 0.3448

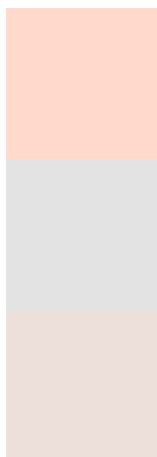
Deuteranomaly

75.8106, 0.3492, 0.3423

Tritanomaly

75.5922, 0.3380, 0.3240

Monochromacy



Original Color

75.7624, 0.3499, 0.3434

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4303, 0.3252, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7624, 0.3499, 0.3434 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, 218, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 204)  
}
```

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, 218, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 204) }
```

Border

The CSS property to change the border of an element to Yxy 75.7624, 0.3499, 0.3434 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, 218, 204) }
```

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

```
.border{ border-color:rgb(255, 218, 204) }
```

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

Here you see how a box with a 4 pixel rgb(255, 218, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7624, 0.3499, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 204) }
```

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

```
.background{ background-color: rgb(255,  
218, 204) }
```

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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