

Converting Colors

$Y_{xy}(76.3034, 0.3577, 0.3390)$

Have a look what the booklet for
Yxy(76.3034, 0.3577, 0.3390)
contains.

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Color

Yxy(74.2687, 0.3498, 0.3393)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7CD
RGB	255, 215, 205
RGB Percent	100%, 84%, 80%
CMY	0.0000, 0.1569, 0.1961
CMYK	0.00, 0.16, 0.20, 0.00
HSL	12°, 100%, 90%
HSV	12°, 20%, 100%
XYZ	76.5670, 74.2687, 68.0523
YIQ	225.8200, 27.0500, 5.3700

Conversions

Conversions Part 2

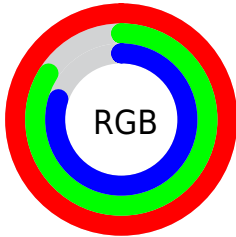
Format	Color
R _{YB}	255, 218, 205
Decimal	16766925
CIE Lab	89.05, 12.43, 10.12
CIE LCh	89, 16.033, 39.145
Yxy	74.2687, 0.3498, 0.3393
Android (android.graphics.Color)	4294957005 (0xFFFFD7CD)
YUV	225.8200, -10.2643, 25.5909
Hunter-Lab	86.1793, 7.7767, 13.5066

Details

The Yxy color **74.2687, 0.3498, 0.3393** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.5014, 0.2826, 0.3185**, and the grayscale version is **75.9742, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.3817, 0.3588, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **63.3846, 0.3747, 0.3449**, and if you desaturate by 10%, it is **86.6444, 0.3291, 0.3339**.

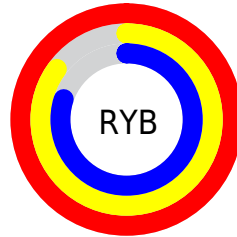
Distribution



Red (100%)

Green (84%)

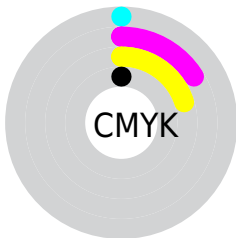
Blue (80%)



Red (100%)

Yellow (85%)

Blue (80%)

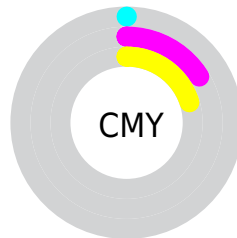


Cyan (0%)

Magenta (16%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (16%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2687, 0.3498, 0.3393 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 74.2687, 0.3498, 0.3393 by changing the saturation by 10% instead.


 74.2687, 0.3498,
0.3393

 74.2687, 0.3498,
0.3393


475.4002, 0.3326,
0.3348

 55.0140, 0.3538,
0.3403

125.2766, 0.3438,
0.3378

 39.4129, 0.3586,
0.3414

157.7986, 0.3415,
0.3372

 27.0811, 0.3649,
0.3428


195.5119, 0.3395,
0.3367

 17.6341, 0.3730,
0.3445

238.8007, 0.3377,
0.3362

 10.6876, 0.3841,
0.3467

288.0496, 0.3362,
0.3358

 5.8572, 0.4002,
0.3495

343.6429, 0.3349,

 2.7584, 0.4253,

0.3354

0.3530

405.9650, 0.3336,
0.3351

■ 1.0070, 0.4884,
0.3706

■ 0.0000, 1.0000,
0.0000

■ 74.2687, 0.3498,
0.3393

■ 74.2687, 0.3498,
0.3393

■ 63.3846, 0.3747,
0.3449

■ 86.6444, 0.3291,
0.3339

■ 53.9415, 0.4045,
0.3505

100.0000, 0.3127,
0.3290

■ 45.8763, 0.4394,
0.3556

■ 39.1237, 0.4787,
0.3593

■ 33.6131, 0.5206,
0.3608

■ 29.2667, 0.5613,
0.3591

■ 25.9976, 0.5956,
0.3538

■ 23.7005, 0.6196,
0.3458

■ 23.6283, 0.6204,
0.3456

Harmonies

Analogous

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



74.2687, 0.3402, 0.3229



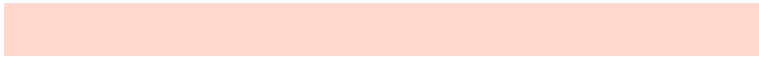
74.2687, 0.3498, 0.3393



74.2687, 0.3491, 0.3537

Triad

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



74.2687, 0.3498, 0.3393



74.2687, 0.3017, 0.3511



74.2687, 0.2871, 0.2970

Complementary

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



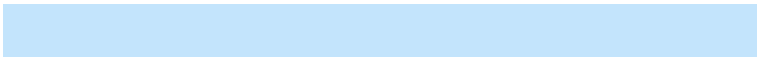
74.2687, 0.3498, 0.3393



85.5014, 0.2826, 0.3185

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.



74.2687, 0.2775, 0.3033



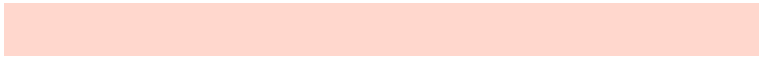
74.2687, 0.3498, 0.3393



74.2687, 0.2857, 0.3345

Square

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



74.2687, 0.3498, 0.3393



74.2687, 0.3209, 0.3613



74.2687, 0.2770, 0.3169



74.2687, 0.3037, 0.2990

Rectangle

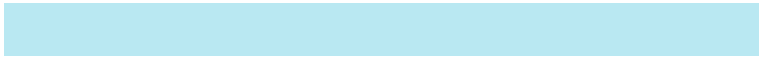
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2687, 0.3498, 0.3393



74.2687, 0.3429, 0.3602



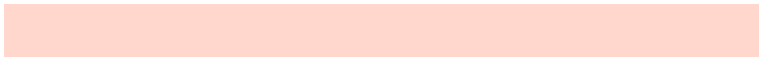
74.2687, 0.2770, 0.3169



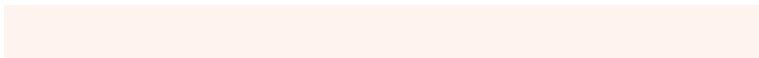
74.2687, 0.2830, 0.2982

Sweetspot

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



74.2665, 0.3498, 0.3393



91.4913, 0.3226, 0.3320



71.5120, 0.3220, 0.2895



19.3920, 0.3238, 0.3323



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.



74.2665, 0.3498, 0.3393



69.3088, 0.3601, 0.3418



87.9865, 0.3451, 0.3640



18.5753, 0.3289, 0.3338



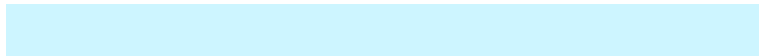
12.5114, 0.6180, 0.3475



1.3632, 0.5975, 0.3638

Inverse Universe

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



85.5014, 0.2826, 0.3185



82.6194, 0.2761, 0.3158



71.3822, 0.2809, 0.2914



19.8278, 0.2980, 0.3241



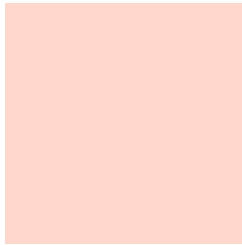
26.5532, 0.2065, 0.2633



2.7348, 0.2088, 0.2717

Previews

White Background



This preview shows how the Yxy color 74.2687, 0.3498, 0.3393 looks on a white background.

Color Contrast Check

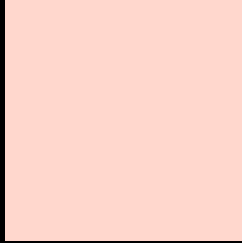
Large Text (above 18pt) WCAG AA × Fail

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 74.2687, 0.3498, 0.3393 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 74.2687, 0.3498, 0.3393

Background



This preview shows how black text looks on a background with the Yxy color 74.2687, 0.3498, 0.3393.



This preview shows how white text looks on a background with the Yxy color 74.2687, 0.3498, 0.3393.

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

74.2687, 0.3498, 0.3393

Protanopia

74.3677, 0.3278, 0.3440

Deuteranopia

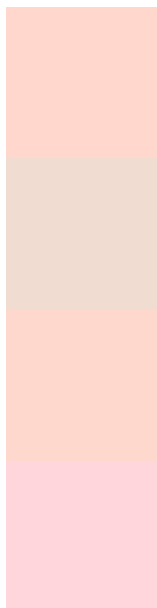
74.4022, 0.3481, 0.3404



Tritanopia

74.4499, 0.3334, 0.3140

Trichromacy



Original Color

74.2687, 0.3498, 0.3393

Protanomaly

74.2657, 0.3355, 0.3417

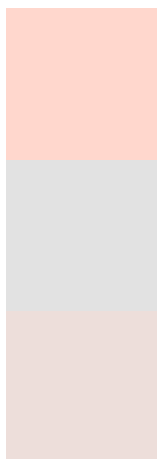
Deuteranomaly

74.5903, 0.3488, 0.3403

Tritanomaly

74.5204, 0.3390, 0.3230

Monochromacy



Original Color

74.2687, 0.3498, 0.3393

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3090, 0.3261, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2687, 0.3498, 0.3393 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 205) }
```

Border

The CSS property to change the border of an element to Yxy 74.2687, 0.3498, 0.3393 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, 205) }
```

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

```
.border{ border-color:rgb(255, 215, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2687, 0.3498, 0.3393 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
215, 205) }
```

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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