

Converting Colors

$Y_{xy}(74.3322, 0.3486, 0.3428)$

Have a look what the booklet for
Yxy(74.3322, 0.3486, 0.3428)
contains.

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Color

Yxy(74.1190, 0.3488, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FCD8CB
RGB	252, 216, 203
RGB Percent	99%, 85%, 80%
CMY	0.0117, 0.1529, 0.2041
CMYK	0.00, 0.14, 0.19, 0.01
HSL	16°, 89%, 89%
HSV	16°, 19%, 99%
XYZ	75.4824, 74.1190, 66.8045
YIQ	225.2820, 25.6290, 3.5890

Conversions

Conversions Part 2

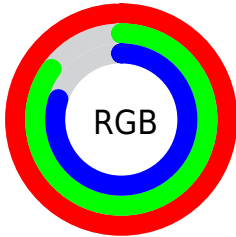
Format	Color
R_{YB}	252, 221, 203
Decimal	16570571
CIE Lab	88.98, 10.53, 11.05
CIE LCh	89, 15.266, 46.379
Yxy	74.1190, 0.3488, 0.3425
Android (android.graphics.Color)	4294760651 (0xFFFC8CB)
YUV	225.2820, -10.9850, 23.4317
Hunter-Lab	86.0924, 5.8400, 14.2578

Details

The Yxy color **74.1190, 0.3488, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4447, 0.2826, 0.3151**, and the grayscale version is **75.5771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2618, 0.3574, 0.3450** is the 20% darker color. If you saturate the color by 10%, you get **64.0632, 0.3728, 0.3499**, and if you desaturate by 10%, it is **85.4445, 0.3287, 0.3354**.

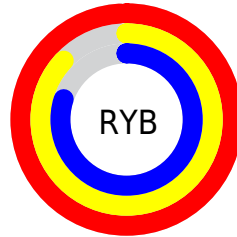
Distribution



Red (99%)

Green (85%)

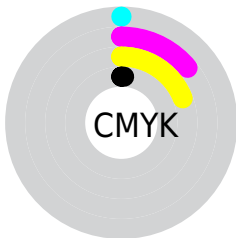
Blue (80%)



Red (99%)

Yellow (87%)

Blue (80%)

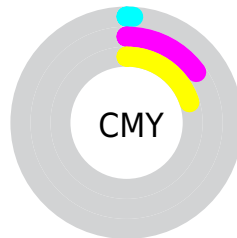


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (1%)



Cyan (1%)


Magenta (15%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1190, 0.3488, 0.3425 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 74.1190, 0.3488, 0.3425 by changing the saturation by 10% instead.


 74.1190, 0.3488,
0.3425

 74.1190, 0.3488,
0.3425

474.8840, 0.3320,
0.3365

 54.8914, 0.3526,
0.3438


125.0645, 0.3430,
0.3405

 39.3148, 0.3574,
0.3454


157.5512, 0.3407,
0.3397

 27.0047, 0.3634,
0.3473


195.2264, 0.3388,
0.3390

 17.5768, 0.3714,
0.3498

238.4745, 0.3371,
0.3384

 10.6466, 0.3822,
0.3529

287.6800, 0.3356,
0.3378

 5.8297, 0.3978,
0.3571

343.2271, 0.3343,

 2.7418, 0.4221,

0.3373

0.3627

405.5003, 0.3331,
0.3369

0.9985, 0.4898,
0.3895

0.0000, 1.0000,
0.0000

74.1190, 0.3488,
0.3425

74.1190, 0.3488,
0.3425

64.0632, 0.3728,
0.3499

85.4445, 0.3287,
0.3354

55.2225, 0.4011,
0.3573

98.0721, 0.3119,
0.3287

47.5527, 0.4338,
0.3641

99.4395, 0.3109,
0.3290

41.0034, 0.4705,
0.3694

■ 35.5201, 0.5095,
0.3721

■ 31.0436, 0.5477,
0.3711

■ 27.5078, 0.5810,
0.3656

■ 24.8328, 0.6061,
0.3565

■ 24.7113, 0.6073,
0.3560

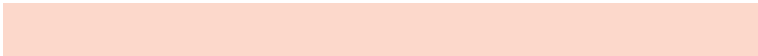
Harmonies

Analogous

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



74.1190, 0.3419, 0.3269



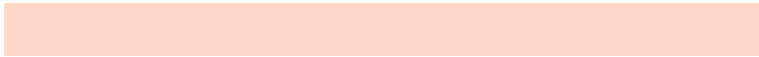
74.1190, 0.3488, 0.3425



74.1190, 0.3457, 0.3551

Triad

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



74.1190, 0.3488, 0.3425



74.1190, 0.2981, 0.3466



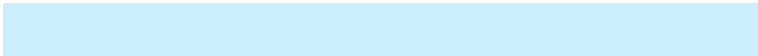
74.1190, 0.2916, 0.2982

Complementary

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



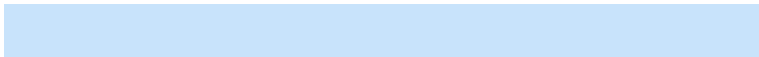
74.1190, 0.3488, 0.3425



81.4447, 0.2826, 0.3151

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.



74.1190, 0.2806, 0.3024



74.1190, 0.3488, 0.3425



74.1190, 0.2842, 0.3301

Square

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



74.1190, 0.3488, 0.3425



74.1190, 0.3161, 0.3582



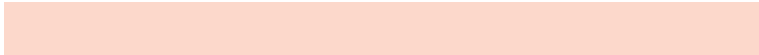
74.1190, 0.2779, 0.3138



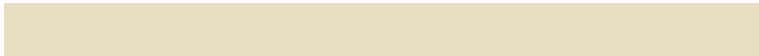
74.1190, 0.3085, 0.3019

Rectangle

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



74.1190, 0.3488, 0.3425



74.1190, 0.3384, 0.3601



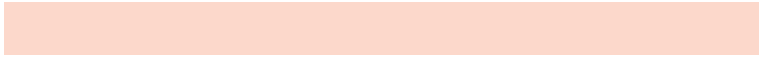
74.1190, 0.2779, 0.3138



74.1190, 0.2871, 0.2987

Sweetspot

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



74.1224, 0.3488, 0.3425



92.0942, 0.3225, 0.3330



69.6713, 0.3237, 0.2921



19.5341, 0.3237, 0.3334



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.



74.1224, 0.3488, 0.3425



72.3171, 0.3568, 0.3451



87.1870, 0.3443, 0.3660



17.9754, 0.3287, 0.3354



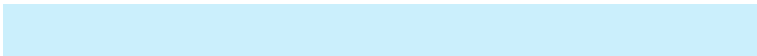
13.0746, 0.6044, 0.3583



1.3769, 0.5814, 0.3766

Inverse Universe

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



81.4447, 0.2826, 0.3151



80.9777, 0.2772, 0.3123



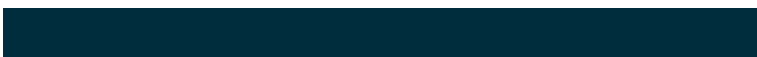
68.4384, 0.2810, 0.2890



18.7822, 0.2980, 0.3225



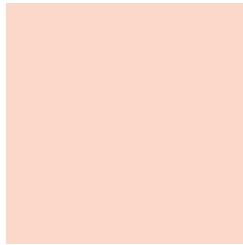
21.9962, 0.2001, 0.2402



2.2109, 0.2034, 0.2521

Previews

White Background



This preview shows how the Yxy color 74.1190, 0.3488, 0.3425 looks on a white background.

Color Contrast Check

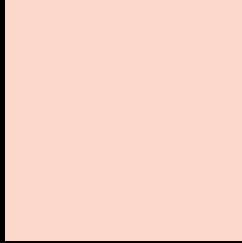
Large Text (above 18pt) WCAG AA × Fail

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 74.1190, 0.3488, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

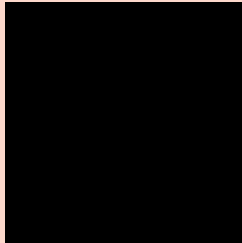
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1190, 0.3488, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 74.1190, 0.3488, 0.3425.

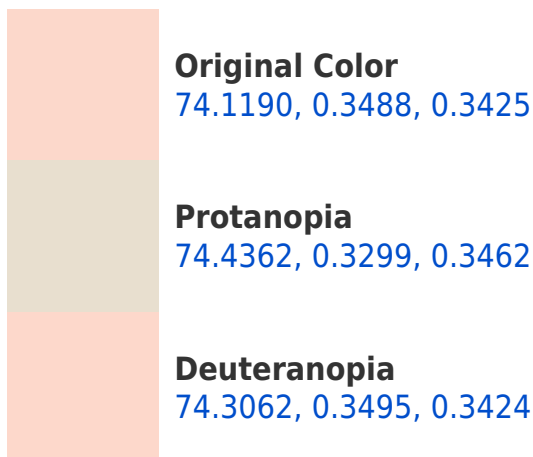


This preview shows how white text looks on a background with the Yxy color 74.1190, 0.3488, 0.3425.

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

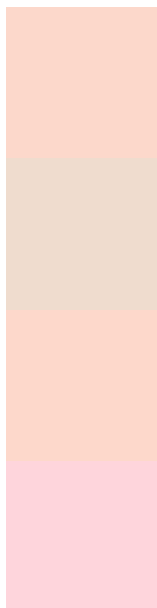




Tritanopia

74.0041, 0.3328, 0.3120

Trichromacy



Original Color

74.1190, 0.3488, 0.3425

Protanomaly

73.9934, 0.3361, 0.3439

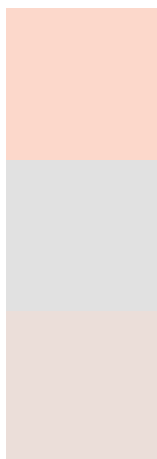
Deuteranomaly

74.3062, 0.3495, 0.3424

Tritanomaly

73.8266, 0.3384, 0.3220

Monochromacy



Original Color

74.1190, 0.3488, 0.3425

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.9145, 0.3254, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1190, 0.3488, 0.3425 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, 216, 203)` looks like.

```
.text, #text, p{  
    color:rgb(252, 216, 203)  
}
```

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, 216, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 216, 203) }
```

Border

The CSS property to change the border of an element to Yxy 74.1190, 0.3488, 0.3425 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, 216, 203) }
```

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

```
.border{ border-color:rgb(252, 216, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 216, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 216, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 216, 203);  
box-shadow:4px 4px 4px 4px rgb(252, 216,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1190, 0.3488, 0.3425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 216, 203) }
```

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

```
.background{ background-color: rgb(252,  
216, 203) }
```

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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