

Converting Colors

$Yxy(74.2904, 0.3365, 0.3378)$

Have a look what the booklet for
Yxy(74.2904, 0.3365, 0.3378)
contains.

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Color

Yxy(74.3709, 0.3364, 0.3385)

Conversions

Conversions Part 1

Format	Color
Hex	F3DBD2
RGB	243, 219, 210
RGB Percent	95%, 86%, 82%
CMY	0.0473, 0.1411, 0.1765
CMYK	0.00, 0.10, 0.14, 0.05
HSL	16°, 58%, 89%
HSV	16°, 14%, 95%
XYZ	73.9095, 74.3709, 71.4268
YIQ	225.1500, 17.1930, 2.2890

Conversions

Conversions Part 2

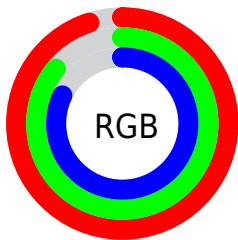
Format	Color
R _Y B	243, 222, 210
Decimal	15981522
CIE Lab	89.10, 6.78, 7.42
CIE LCh	89, 10.055, 47.589
Yxy	74.3709, 0.3364, 0.3385
Android (android.graphics.Color)	4294171602 (0xFFFF3DBD2)
YUV	225.1500, -7.4689, 15.6545
Hunter-Lab	86.2386, 2.0634, 11.2602

Details

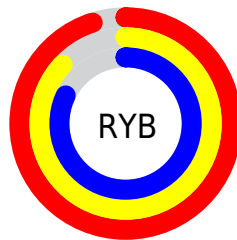
The Yxy color **74.3709, 0.3364, 0.3385** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.9581, 0.2917, 0.3193**, and the grayscale version is **75.4510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5160, 0.3420, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **64.5347, 0.3579, 0.3460**, and if you desaturate by 10%, it is **85.3720, 0.3184, 0.3314**.

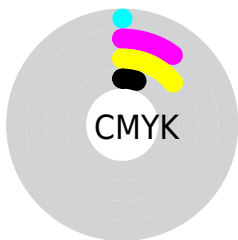
Distribution



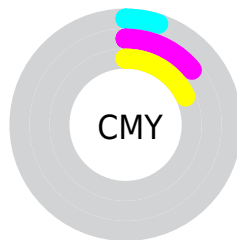
- Red (95%)
- Green (86%)
- Blue (82%)



- Red (95%)
- Yellow (87%)
- Blue (82%)



- Cyan (0%)
- Magenta (10%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3709, 0.3364, 0.3385 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 74.3709, 0.3364, 0.3385 by changing the saturation by 10% instead.


 74.3709, 0.3364,
0.3385

 74.3709, 0.3364,
0.3385


475.7525, 0.3254,
0.3342

 55.0977, 0.3389,
0.3394


125.4214, 0.3326,
0.3370

 39.4799, 0.3420,
0.3406


157.9675, 0.3311,
0.3365

 27.1333, 0.3460,
0.3421


195.7067, 0.3298,
0.3360

 17.6733, 0.3511,
0.3439

239.0233, 0.3287,
0.3355

 10.7157, 0.3582,
0.3464

288.3018, 0.3277,
0.3351

 5.8760, 0.3684,
0.3497

343.9266, 0.3269,

 2.7698, 0.3845,

0.3348

0.3547

406.2820, 0.3261,
0.3345

1.0128, 0.4208,
0.3689

0.0000, 1.0000,
0.0000

74.3709, 0.3364,
0.3385

74.3709, 0.3364,
0.3385

64.5347, 0.3579,
0.3460

85.3720, 0.3184,
0.3314

55.8150, 0.3834,
0.3537

97.3318, 0.3053,
0.3283

48.1745, 0.4132,
0.3611

97.7836, 0.3053,
0.3290

41.5699, 0.4473,
0.3676

■ 35.9553, 0.4847,
0.3722

■ 31.2806, 0.5234,
0.3737

■ 27.4912, 0.5598,
0.3711

■ 24.5258, 0.5899,
0.3639

■ 23.0136, 0.6051,
0.3577

Harmonies

Analogous

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



74.3709, 0.3322, 0.3282



74.3709, 0.3364, 0.3385



74.3709, 0.3341, 0.3466

Triad

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



74.3709, 0.3364, 0.3385



74.3709, 0.3027, 0.3401



74.3709, 0.2992, 0.3086

Complementary

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



74.3709, 0.3364, 0.3385



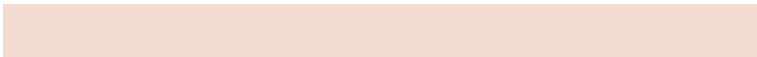
78.9581, 0.2917, 0.3193

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.



74.3709, 0.2916, 0.3113



74.3709, 0.3364, 0.3385



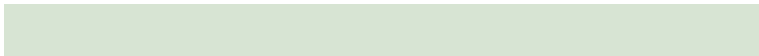
74.3709, 0.2936, 0.3294

Square

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



74.3709, 0.3364, 0.3385



74.3709, 0.3145, 0.3478



74.3709, 0.2896, 0.3188



74.3709, 0.3105, 0.3112

Rectangle

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



74.3709, 0.3364, 0.3385



74.3709, 0.3293, 0.3495



74.3709, 0.2896, 0.3188



74.3709, 0.2962, 0.3089

Sweetspot

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



74.3742, 0.3364, 0.3385



94.7279, 0.3191, 0.3317



71.0827, 0.3204, 0.3042



20.0686, 0.3204, 0.3322



0.0000, 0.0000, 0.0000



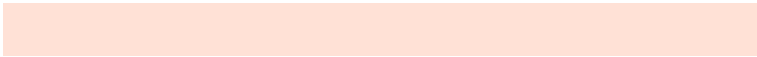
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3742, 0.3364, 0.3385



80.1865, 0.3414, 0.3403



83.2567, 0.3341, 0.3550



17.2220, 0.3287, 0.3356



12.8301, 0.6024, 0.3599



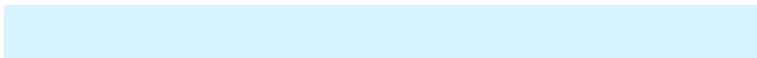
1.2922, 0.5780, 0.3793

Inverse Universe

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



78.9581, 0.2917, 0.3193



86.1336, 0.2879, 0.3174



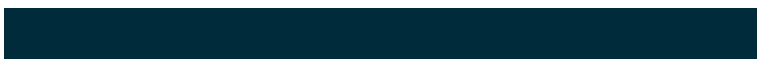
70.1450, 0.2912, 0.3016



17.9443, 0.2980, 0.3224



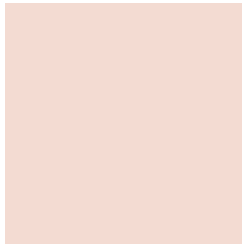
20.9068, 0.1993, 0.2373



2.0084, 0.2028, 0.2501

Previews

White Background



This preview shows how the Yxy color 74.3709, 0.3364, 0.3385 looks on a white background.

Color Contrast Check

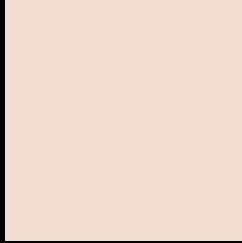
Large Text (above 18pt) WCAG AA × Fail

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 74.3709, 0.3364, 0.3385 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

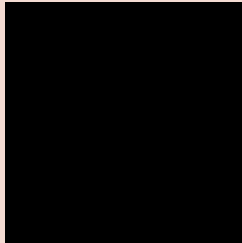
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

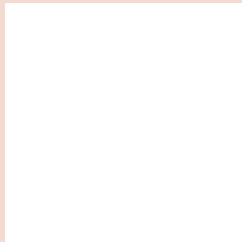
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3709, 0.3364, 0.3385

Background



This preview shows how black text looks on a background with the Yxy color 74.3709, 0.3364, 0.3385.

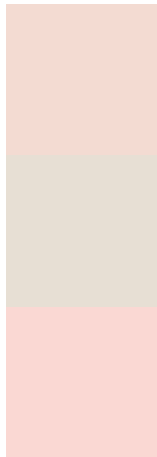


This preview shows how white text looks on a background with the Yxy color 74.3709, 0.3364, 0.3385.

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

74.3709, 0.3364, 0.3385

Protanopia

74.5177, 0.3257, 0.3408

Deuteranopia

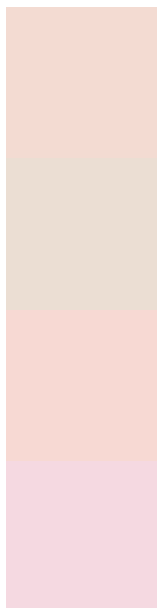
74.1389, 0.3414, 0.3342



Tritanopia

74.5878, 0.3229, 0.3117

Trichromacy



Original Color

74.3709, 0.3364, 0.3385

Protanomaly

74.6079, 0.3294, 0.3407

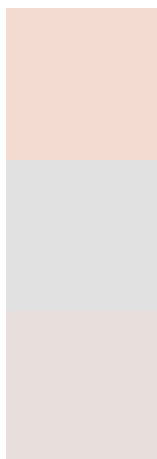
Deuteranomaly

74.1030, 0.3390, 0.3353

Tritanomaly

74.4744, 0.3277, 0.3208

Monochromacy



Original Color

74.3709, 0.3364, 0.3385

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.0985, 0.3211, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3709, 0.3364, 0.3385 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(243, 219, 210)` looks like.

```
.text, #text, p{  
    color:rgb(243, 219, 210)  
}
```

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(243, 219, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 219, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.3709, 0.3364, 0.3385 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(243, 219, 210) }
```

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

```
.border{ border-color:rgb(243, 219, 210) }
```

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

Here you see how a box with a 4 pixel rgb(243, 219, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 219, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 219, 210);  
box-shadow:4px 4px 4px 4px rgb(243, 219,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3709, 0.3364, 0.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 219, 210) }
```

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

```
.background{ background-color: rgb(243,  
219, 210) }
```

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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