

Converting Colors

$Yxy(74.8908, 0.3357, 0.3345)$

Have a look what the booklet for
Yxy(74.8908, 0.3357, 0.3345)
contains.

Yxy(74.9306, 0.3351, 0.3342)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.9306, 0.3351, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	F5DBD6
RGB	245, 219, 214
RGB Percent	96%, 86%, 84%
CMY	0.0392, 0.1412, 0.1606
CMYK	0.00, 0.11, 0.13, 0.04
HSL	10°, 61%, 90%
HSV	10°, 13%, 96%
XYZ	75.1324, 74.9306, 74.1459
YIQ	226.2040, 17.1010, 3.9570

Conversions

Conversions Part 2

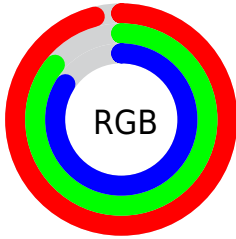
Format	Color
R _Y B	245, 220, 214
Decimal	16112598
CIE Lab	89.36, 8.17, 5.70
CIE LCh	89, 9.961, 34.901
Yxy	74.9306, 0.3351, 0.3342
Android (android.graphics.Color)	4294302678 (0xFFF5DBD6)
YUV	226.2040, -6.0166, 16.4841
Hunter-Lab	86.5625, 3.4458, 9.8083

Details

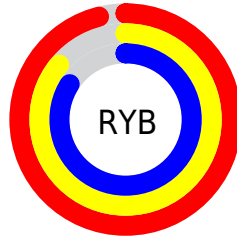
The Yxy color **74.9306, 0.3351, 0.3342** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.2472, 0.2932, 0.3237**, and the grayscale version is **76.2481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8729, 0.3412, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **63.6928, 0.3572, 0.3386**, and if you desaturate by 10%, it is **87.6906, 0.3169, 0.3300**.

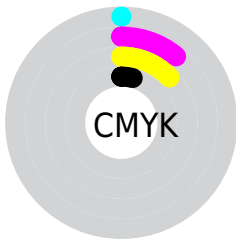
Distribution



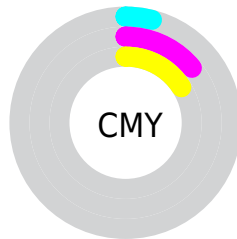
- Red (96%)
- Green (86%)
- Blue (84%)



- Red (96%)
- Yellow (86%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9306, 0.3351, 0.3342 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 74.9306, 0.3351, 0.3342 by changing the saturation by 10% instead.


 74.9306, 0.3351,
0.3342

 74.9306, 0.3351,
0.3342


477.6790, 0.3247,
0.3319

 55.5560, 0.3375,
0.3347


126.2141, 0.3315,
0.3334

 39.8471, 0.3404,
0.3353


158.8919, 0.3301,
0.3331

 27.4193, 0.3441,
0.3361


196.7728, 0.3289,
0.3328

 17.8884, 0.3490,
0.3370

240.2413, 0.3279,
0.3326

 10.8699, 0.3556,
0.3382

289.6818, 0.3269,
0.3324

 5.9794, 0.3652,
0.3399

345.4786, 0.3261,

 2.8326, 0.3803,

0.3322

0.3421

408.0162, 0.3254,
0.3321

1.0450, 0.4099,
0.3474

0.0000, 1.0000,
0.0000

74.9306, 0.3351,
0.3342

74.9306, 0.3351,
0.3342

63.6928, 0.3572,
0.3386

87.6906, 0.3169,
0.3300

53.9107, 0.3841,
0.3432

98.1550, 0.3066,
0.3290

45.5274, 0.4163,
0.3476

38.4787, 0.4539,
0.3513

■ 32.6950, 0.4958,
0.3537

■ 28.1007, 0.5392,
0.3539

■ 24.6115, 0.5795,
0.3513

■ 22.1319, 0.6108,
0.3457

■ 20.8813, 0.6265,
0.3407

Harmonies

Analogous

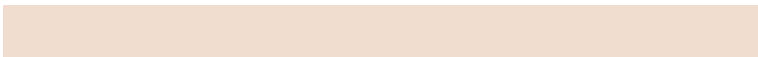
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9306, 0.3284, 0.3239



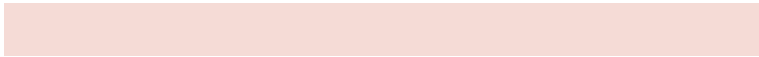
74.9306, 0.3351, 0.3342



74.9306, 0.3356, 0.3434

Triad

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



74.9306, 0.3351, 0.3342



74.9306, 0.3076, 0.3437



74.9306, 0.2956, 0.3093

Complementary

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



74.9306, 0.3351, 0.3342



83.2472, 0.2932, 0.3237

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.



74.9306, 0.2903, 0.3141



74.9306, 0.3351, 0.3342



74.9306, 0.2971, 0.3340

Square

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



74.9306, 0.3351, 0.3342



74.9306, 0.3196, 0.3492



74.9306, 0.2909, 0.3231



74.9306, 0.3056, 0.3097

Rectangle

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



74.9306, 0.3351, 0.3342



74.9306, 0.3324, 0.3477



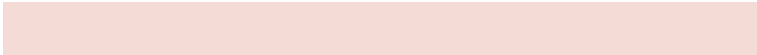
74.9306, 0.2909, 0.3231



74.9306, 0.2933, 0.3104

Sweetspot

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



74.9339, 0.3351, 0.3342



94.0158, 0.3192, 0.3306



73.8405, 0.3173, 0.3023



19.8890, 0.3205, 0.3309



0.0000, 0.0000, 0.0000



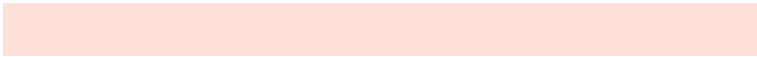
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9339, 0.3351, 0.3342



78.9652, 0.3400, 0.3352



83.2157, 0.3331, 0.3496



16.9109, 0.3290, 0.3329



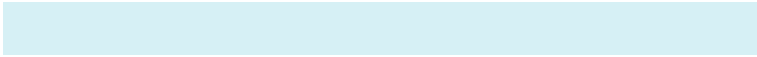
11.3767, 0.6244, 0.3424



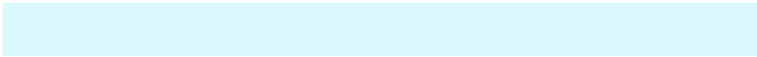
1.1230, 0.6031, 0.3593

Inverse Universe

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



83.2472, 0.2932, 0.3237



89.6077, 0.2896, 0.3227



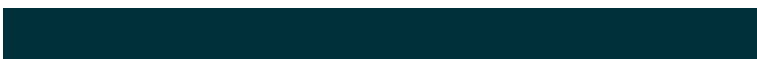
74.6806, 0.2928, 0.3075



18.2794, 0.2980, 0.3251



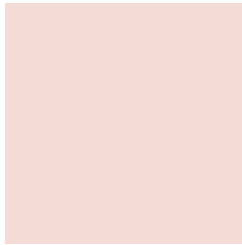
27.4437, 0.2103, 0.2772



2.5305, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 74.9306, 0.3351, 0.3342 looks on a white background.

Color Contrast Check

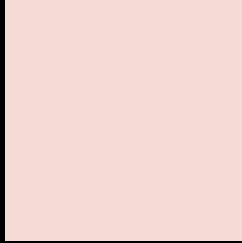
Large Text (above 18pt) WCAG AA × Fail

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 74.9306, 0.3351, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

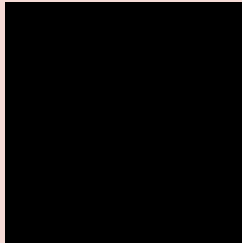
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

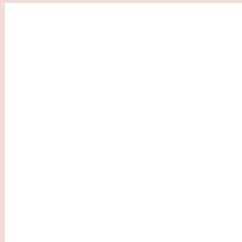
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9306, 0.3351, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 74.9306, 0.3351, 0.3342.

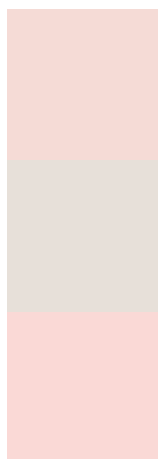


This preview shows how white text looks on a background with the Yxy color 74.9306, 0.3351, 0.3342.

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

74.9306, 0.3351, 0.3342

Protanopia

75.3100, 0.3223, 0.3365

Deuteranopia

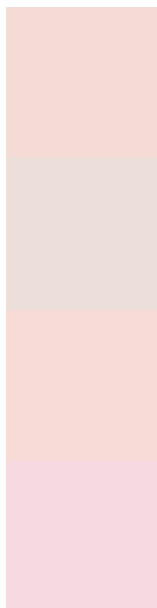
74.8047, 0.3391, 0.3322



Tritanopia

74.9514, 0.3244, 0.3118

Trichromacy



Original Color

74.9306, 0.3351, 0.3342

Protanomaly

75.0333, 0.3268, 0.3354

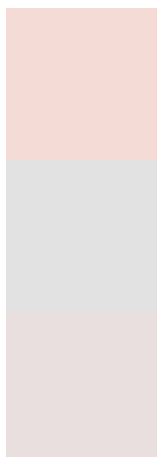
Deuteranomaly

74.9543, 0.3375, 0.3332

Tritanomaly

74.8909, 0.3284, 0.3199

Monochromacy



Original Color

74.9306, 0.3351, 0.3342

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.3729, 0.3205, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9306, 0.3351, 0.3342 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(245, 219, 214)` looks like.

```
.text, #text, p{  
    color:rgb(245, 219, 214)  
}
```

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(245, 219, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 219, 214) }
```

Border

The CSS property to change the border of an element to Yxy 74.9306, 0.3351, 0.3342 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(245, 219, 214) }
```

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

```
.border{ border-color:rgb(245, 219, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 219, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 219, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 219, 214);  
box-shadow:4px 4px 4px 4px rgb(245, 219,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9306, 0.3351, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 219, 214) }
```

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

```
.background{ background-color: rgb(245,  
219, 214) }
```

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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