

Converting Colors

$Y_{xy}(74.5909, 0.3449, 0.3325)$

Have a look what the booklet for
Yxy(74.5909, 0.3449, 0.3325)
contains.

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Color

Yxy(74.6143, 0.3446, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	FFD7D4
RGB	255, 215, 212
RGB Percent	100%, 84%, 83%
CMY	0.0001, 0.1568, 0.1685
CMYK	0.00, 0.16, 0.17, 0.00
HSL	4°, 100%, 92%
HSV	4°, 17%, 100%
XYZ	77.4227, 74.6143, 72.6372
YIQ	226.6180, 24.8030, 7.5470

Conversions

Conversions Part 2

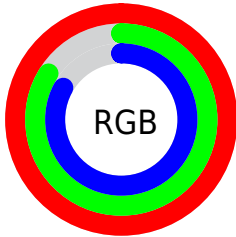
Format	Color
R _Y B	255, 215, 212
Decimal	16766932
CIE Lab	89.21, 13.46, 6.65
CIE LCh	89, 15.011, 26.274
Yxy	74.6143, 0.3446, 0.3321
Android (android.graphics.Color)	4294957012 (0xFFFFD7D4)
YUV	226.6180, -7.2067, 24.8910
Hunter-Lab	86.3796, 8.8268, 10.6083

Details

The Yxy color **74.6143, 0.3446, 0.3321** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.8525, 0.2871, 0.3259**, and the grayscale version is **76.5664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5817, 0.3529, 0.3330** is the 20% darker color. If you saturate the color by 10%, you get **62.2052, 0.3698, 0.3341**, and if you desaturate by 10%, it is **88.9872, 0.3243, 0.3302**.

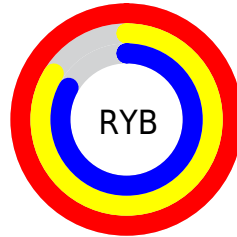
Distribution



Red (100%)

Green (84%)

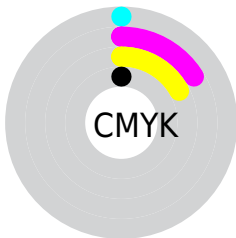
Blue (83%)



Red (100%)

Yellow (84%)

Blue (83%)

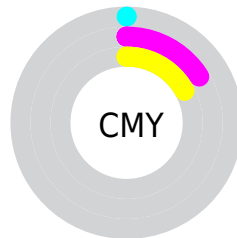


Cyan (0%)

Magenta (16%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (16%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.6143, 0.3446, 0.3321 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 74.6143, 0.3446, 0.3321 by changing the saturation by 10% instead.


 74.6143, 0.3446,
0.3321

 74.6143, 0.3446,
0.3321


476.5908, 0.3298,
0.3309

 55.2970, 0.3480,
0.3323


125.7662, 0.3395,
0.3317

 39.6395, 0.3522,
0.3326

158.3696, 0.3375,
0.3315

 27.2576, 0.3575,
0.3329


196.1705, 0.3357,
0.3314

 17.7668, 0.3645,
0.3333

239.5532, 0.3342,
0.3313

 10.7827, 0.3740,
0.3336

288.9023, 0.3329,
0.3311

 5.9209, 0.3878,
0.3339

344.6019, 0.3318,

 2.7970, 0.4094,

0.3310

0.3338

407.0366, 0.3307,
0.3309

1.0267, 0.4530,
0.3358

0.0000, 1.0000,
0.0000

74.6143, 0.3446,
0.3321

74.6143, 0.3446,
0.3321

62.2052, 0.3698,
0.3341

88.9872, 0.3243,
0.3302

51.6651, 0.4006,
0.3361

99.9962, 0.3127,
0.3290

42.9064, 0.4378,
0.3379

35.8307, 0.4808,
0.3393

■ 30.3300, 0.5272,
0.3397

■ 26.2835, 0.5723,
0.3390

■ 23.5532, 0.6092,
0.3368

■ 21.9739, 0.6319,
0.3335

■ 21.6762, 0.6364,
0.3329

Harmonies

Analogous

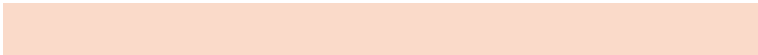
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.6143, 0.3322, 0.3170



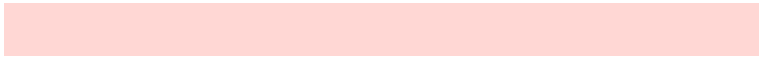
74.6143, 0.3446, 0.3321



74.6143, 0.3482, 0.3469

Triad

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



74.6143, 0.3446, 0.3321



74.6143, 0.3100, 0.3547



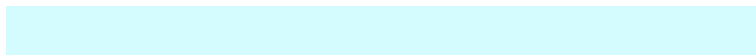
74.6143, 0.2839, 0.3007

Complementary

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



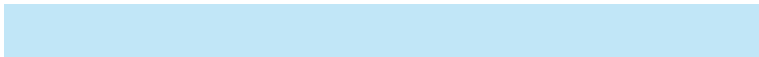
74.6143, 0.3446, 0.3321



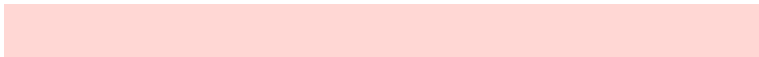
90.8525, 0.2871, 0.3259

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.



74.6143, 0.2785, 0.3097



74.6143, 0.3446, 0.3321



74.6143, 0.2932, 0.3412

Square

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



74.6143, 0.3446, 0.3321



74.6143, 0.3279, 0.3606



74.6143, 0.2818, 0.3245



74.6143, 0.2970, 0.2992

Rectangle

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



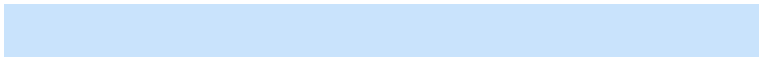
74.6143, 0.3446, 0.3321



74.6143, 0.3451, 0.3546



74.6143, 0.2818, 0.3245



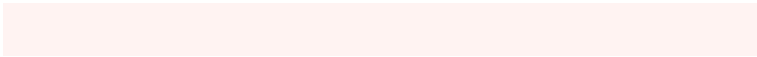
74.6143, 0.2812, 0.3029

Sweetspot

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



74.6177, 0.3446, 0.3321



91.8652, 0.3210, 0.3299



75.4012, 0.3166, 0.2898



19.4271, 0.3222, 0.3300



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

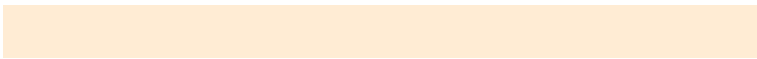
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.6177, 0.3446, 0.3321



70.4986, 0.3520, 0.3327



86.2187, 0.3411, 0.3533



18.1883, 0.3293, 0.3307



11.4020, 0.6352, 0.3338



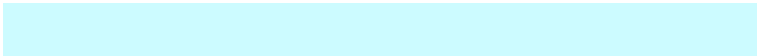
1.1772, 0.6243, 0.3425

Inverse Universe

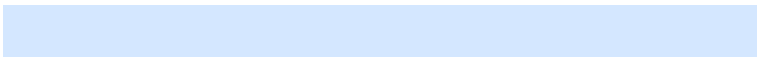
The Inverse Universe completely reimagines the original color for something new.



90.8525, 0.2871, 0.3259



89.3508, 0.2825, 0.3253



78.1784, 0.2860, 0.3034



20.2539, 0.2980, 0.3273



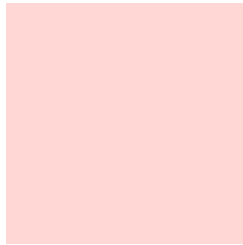
35.6303, 0.2187, 0.3072



3.5311, 0.2194, 0.3099

Previews

White Background



This preview shows how the Yxy color 74.6143, 0.3446, 0.3321 looks on a white background.

Color Contrast Check

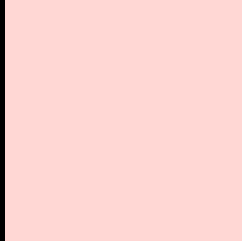
Large Text (above 18pt) WCAG AA × Fail

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 74.6143, 0.3446, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

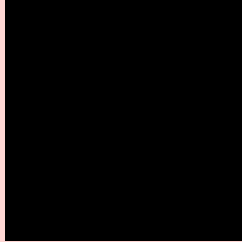
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

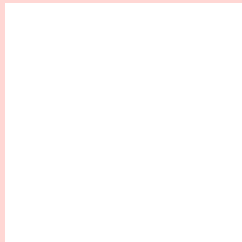
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6143, 0.3446, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 74.6143, 0.3446, 0.3321.

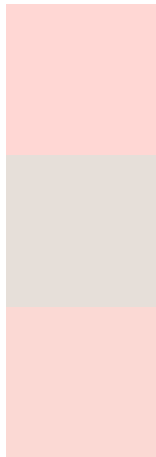


This preview shows how white text looks on a background with the Yxy color 74.6143, 0.3446, 0.3321.

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

74.6143, 0.3446, 0.3321

Protanopia

74.6081, 0.3217, 0.3354

Deuteranopia

74.8884, 0.3413, 0.3342



Tritanopia

74.5056, 0.3326, 0.3130

Trichromacy



Original Color

74.6143, 0.3446, 0.3321

Protanomaly

74.4434, 0.3299, 0.3343

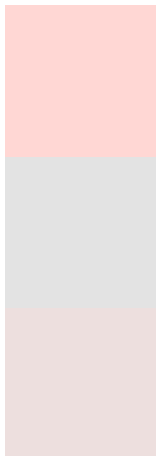
Deuteranomaly

74.5606, 0.3422, 0.3332

Tritanomaly

74.6808, 0.3368, 0.3200

Monochromacy



Original Color

74.6143, 0.3446, 0.3321

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.0538, 0.3233, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6143, 0.3446, 0.3321 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 212) }
```

Border

The CSS property to change the border of an element to Yxy 74.6143, 0.3446, 0.3321 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, 212) }
```

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

```
.border{ border-color:rgb(255, 215, 212) }
```

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, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6143, 0.3446, 0.3321 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, 212) }
```

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

```
.background{ background-color: rgb(255,  
215, 212) }
```

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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