

Converting Colors

$Y_{xy}(100.0000, 0.4047, 0.3385)$

Have a look what the booklet for
Yxy(100.0000, 0.4047, 0.3385)
contains.

Yxy(79.3754, 0.3424, 0.3402)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.3754, 0.3424, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	FFE0D5
RGB	255, 224, 213
RGB Percent	100%, 88%, 84%
CMY	0.0002, 0.1215, 0.1647
CMYK	0.00, 0.12, 0.16, 0.00
HSL	16°, 100%, 92%
HSV	16°, 16%, 100%
XYZ	79.8887, 79.3754, 74.0557
YIQ	232.0150, 22.0070, 3.1510

Conversions

Conversions Part 2

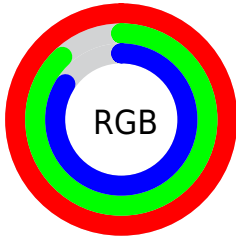
Format	Color
R _Y B	255, 228, 213
Decimal	16769237
CIE Lab	91.40, 8.92, 9.29
CIE LCh	91, 12.881, 46.180
Yxy	79.3754, 0.3424, 0.3402
Android (android.graphics.Color)	4294959317 (0xFFFFE0D5)
YUV	232.0150, -9.3744, 20.1578
Hunter-Lab	89.0929, 4.1467, 13.0820

Details

The Yxy color **79.3754, 0.3424, 0.3402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.0063, 0.2872, 0.3175**, and the grayscale version is **80.7646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.8503, 0.3497, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **68.6358, 0.3652, 0.3475**, and if you desaturate by 10%, it is **91.4415, 0.3233, 0.3332**.

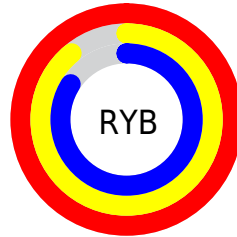
Distribution



Red (100%)

Green (88%)

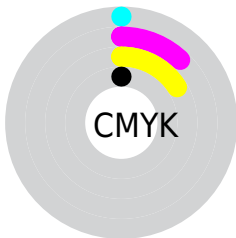
Blue (84%)



Red (100%)

Yellow (89%)

Blue (84%)

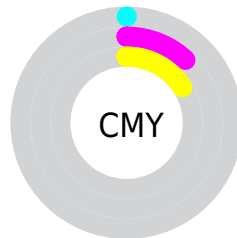


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (12%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.3754, 0.3424, 0.3402 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 79.3754, 0.3424, 0.3402 by changing the saturation by 10% instead.

 79.3754, 0.3424,
0.3402

 79.3754, 0.3424,
0.3402


492.8254, 0.3288,
0.3353

 59.2045, 0.3455,
0.3413


132.4872, 0.3377,
0.3385

 42.7778, 0.3493,
0.3426


166.1969, 0.3359,
0.3379

 29.7108, 0.3541,
0.3442


205.1884, 0.3343,
0.3373

 19.6192, 0.3603,
0.3462

249.8460, 0.3329,
0.3368

 12.1185, 0.3687,
0.3488

300.5540, 0.3317,
0.3363

 6.8245, 0.3806,
0.3523

357.6971, 0.3306,

 3.3526, 0.3990,

0.3359

0.3572

421.6594, 0.3296,
0.3356

■ 1.3184, 0.4328,
0.3660

■ 0.1554, 0.7016,
0.2984

■ 79.3754, 0.3424,
0.3402

■ 79.3754, 0.3424,
0.3402

■ 68.6358, 0.3652,
0.3475

■ 91.4415, 0.3233,
0.3332

■ 59.1665, 0.3922,
0.3549

99.9888, 0.3127,
0.3290

■ 50.9227, 0.4238,
0.3618

■ 43.8530, 0.4595,
0.3676

■ 37.9022, 0.4982,
0.3712

■ 33.0103, 0.5372,
0.3713

■ 29.1111, 0.5725,
0.3672

■ 26.1298, 0.6000,
0.3588

■ 25.2708, 0.6080,
0.3554

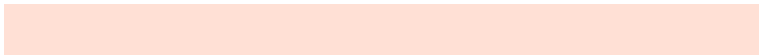
Harmonies

Analogous

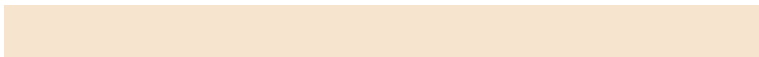
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.3754, 0.3367, 0.3273



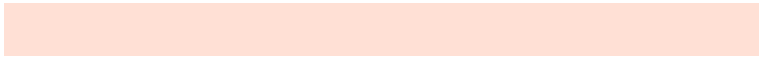
79.3754, 0.3424, 0.3402



79.3754, 0.3399, 0.3506

Triad

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



79.3754, 0.3424, 0.3402



79.3754, 0.3008, 0.3435



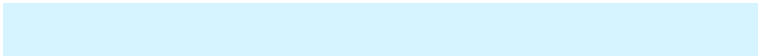
79.3754, 0.2952, 0.3035

Complementary

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



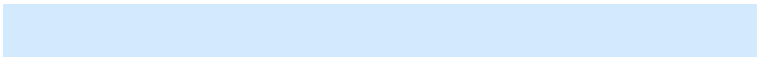
79.3754, 0.3424, 0.3402



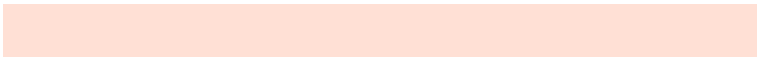
86.0063, 0.2872, 0.3175

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.



79.3754, 0.2861, 0.3071



79.3754, 0.3424, 0.3402



79.3754, 0.2892, 0.3301

Square

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



79.3754, 0.3424, 0.3402



79.3754, 0.3157, 0.3529



79.3754, 0.2839, 0.3167



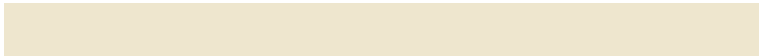
79.3754, 0.3092, 0.3065

Rectangle

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



79.3754, 0.3424, 0.3402



79.3754, 0.3340, 0.3546



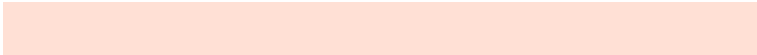
79.3754, 0.2839, 0.3167



79.3754, 0.2915, 0.3040

Sweetspot

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



79.3790, 0.3424, 0.3402



93.3567, 0.3208, 0.3323



75.3933, 0.3218, 0.2980



19.7882, 0.3220, 0.3327



0.0000, 0.0000, 0.0000



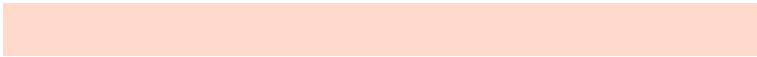
21.4041, 0.3127, 0.3290

Same Dimension

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



79.3790, 0.3424, 0.3402



75.4601, 0.3500, 0.3428



91.0275, 0.3391, 0.3602



18.7639, 0.3288, 0.3353



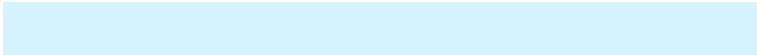
13.4166, 0.6052, 0.3577



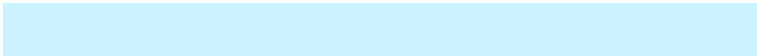
1.4754, 0.5833, 0.3750

Inverse Universe

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



86.0063, 0.2872, 0.3175



83.3143, 0.2818, 0.3148



74.3937, 0.2863, 0.2958



19.6252, 0.2980, 0.3226



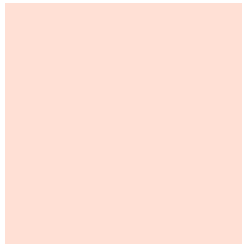
22.8047, 0.2003, 0.2411



2.3988, 0.2034, 0.2523

Previews

White Background



This preview shows how the Yxy color 79.3754, 0.3424, 0.3402 looks on a white background.

Color Contrast Check

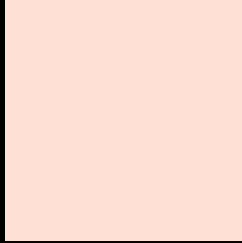
Large Text (above 18pt) WCAG AA × Fail

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 79.3754, 0.3424, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

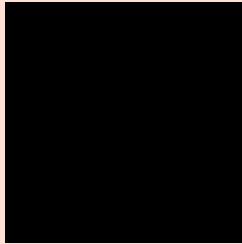
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.3754, 0.3424, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 79.3754, 0.3424, 0.3402.

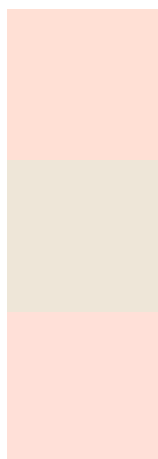


This preview shows how white text looks on a background with the Yxy color 79.3754, 0.3424, 0.3402.

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

79.3754, 0.3424, 0.3402

Protanopia

79.7286, 0.3273, 0.3436

Deuteranopia

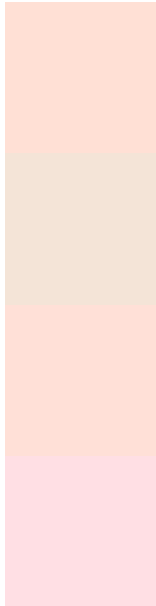
79.5292, 0.3404, 0.3371



Tritanopia

79.6170, 0.3262, 0.3142

Trichromacy



Original Color

79.3754, 0.3424, 0.3402

Protanomaly

79.6262, 0.3325, 0.3424

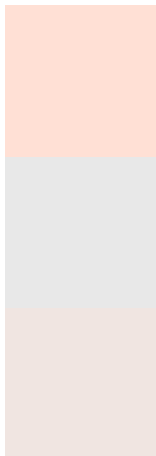
Deuteranomaly

79.4776, 0.3410, 0.3381

Tritanomaly

79.6368, 0.3322, 0.3241

Monochromacy



Original Color

79.3754, 0.3424, 0.3402

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.0001, 0.3229, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.3754, 0.3424, 0.3402 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, 224, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 224, 213)  
}
```

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, 224, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 224, 213) }
```

Border

The CSS property to change the border of an element to Yxy 79.3754, 0.3424, 0.3402 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, 224, 213) }
```

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

```
.border{ border-color:rgb(255, 224, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 224, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 224, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 224, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 224,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 79.3754, 0.3424, 0.3402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 224, 213) }
```

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

```
.background{ background-color: rgb(255,  
224, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor