

# Converting Colors

Yxy(79.9246, 0.3413, 0.3396)

Have a look what the booklet for  
Yxy(79.9246, 0.3413, 0.3396)  
contains.

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# Color

**Yxy(79.9655, 0.3416, 0.3401)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE1D6
RGB	255, 225, 214
RGB Percent	100%, 88%, 84%
CMY	0.0000, 0.1177, 0.1607
CMYK	0.00, 0.12, 0.16, 0.00
HSL	16°, 100%, 92%
HSV	16°, 16%, 100%
XYZ	80.3182, 79.9655, 74.8398
YIQ	232.7160, 21.4110, 2.9390

# Conversions

## Conversions Part 2

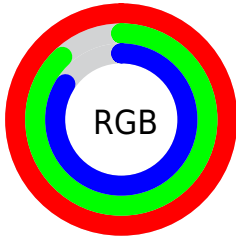
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 229, 214
Decimal	16769494
CIE Lab	91.67, 8.62, 9.13
CIE LCh	92, 12.557, 46.661
Yxy	79.9655, 0.3416, 0.3401
Android (android.graphics.Color)	4294959574 (0xFFFFE1D6)
YUV	232.7160, -9.2270, 19.5431
Hunter-Lab	89.4234, 3.8338, 12.9757

# Details

The Yxy color **79.9655, 0.3416, 0.3401** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2485, 0.2878, 0.3176**, and the grayscale version is **81.3154, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2584, 0.3485, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **69.2044, 0.3642, 0.3475**, and if you desaturate by 10%, it is **92.0252, 0.3226, 0.3330**.

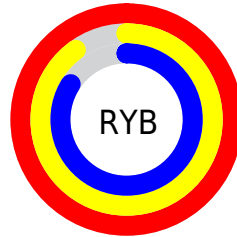
# Distribution



Red (100%)

Green (88%)

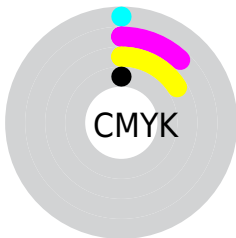
Blue (84%)



Red (100%)

Yellow (90%)

Blue (84%)

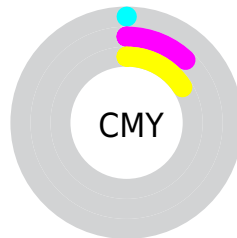


Cyan (0%)

Magenta (12%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (12%)


Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 79.9655, 0.3416, 0.3401 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 79.9655, 0.3416, 0.3401 by changing the saturation by 10% instead.




 79.9655, 0.3416,  
0.3401

 79.9655, 0.3416,  
0.3401


494.8166, 0.3284,  
0.3352

 59.6900, 0.3446,  
0.3412


133.3172, 0.3370,  
0.3384

 43.1688, 0.3483,  
0.3424


167.1622, 0.3353,  
0.3378

 30.0176, 0.3529,  
0.3440


206.2991, 0.3337,  
0.3372

 19.8519, 0.3589,  
0.3460

251.1124, 0.3324,  
0.3367

 12.2875, 0.3670,  
0.3486

301.9863, 0.3312,  
0.3363

 6.9398, 0.3786,  
0.3521

359.3054, 0.3301,

 3.4245, 0.3963,

0.3359

0.3570

423.4540, 0.3292,  
0.3355

■ 1.3571, 0.4280,  
0.3653

■ 0.1848, 0.6763,  
0.3237

■ 79.9655, 0.3416,  
0.3401

■ 79.9655, 0.3416,  
0.3401

■ 69.2044, 0.3642,  
0.3475

■ 92.0252, 0.3226,  
0.3330

■ 59.7126, 0.3910,  
0.3550

100.0000, 0.3127,  
0.3290

■ 51.4373, 0.4222,  
0.3621

■ 44.3281, 0.4576,  
0.3681

■ 38.3307, 0.4960,  
0.3718

■ 33.3863, 0.5349,  
0.3722

■ 29.4299, 0.5703,  
0.3683

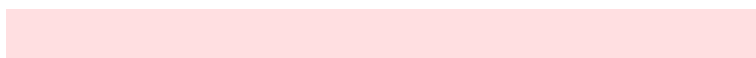
■ 26.3882, 0.5981,  
0.3600

■ 25.4179, 0.6070,  
0.3562

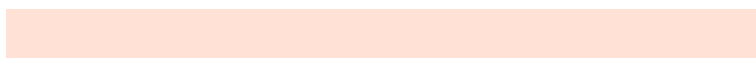
# Harmonies

## Analogous

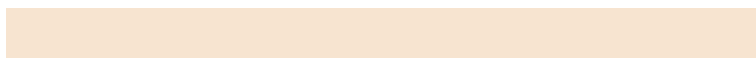
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9655, 0.3362, 0.3275



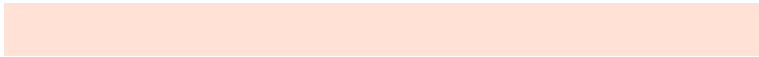
79.9655, 0.3416, 0.3401



79.9655, 0.3391, 0.3501

# Triad

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



79.9655, 0.3416, 0.3401



79.9655, 0.3009, 0.3429



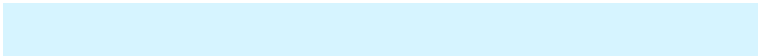
79.9655, 0.2959, 0.3042

# Complementary

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



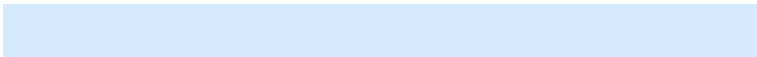
79.9655, 0.3416, 0.3401



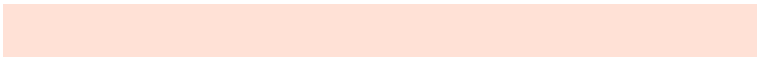
86.2485, 0.2878, 0.3176

# 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.



79.9655, 0.2869, 0.3076



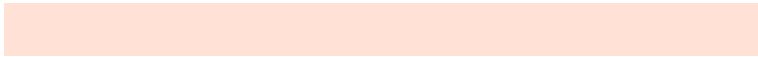
79.9655, 0.3416, 0.3401



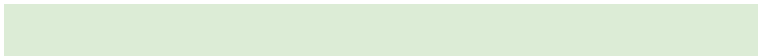
79.9655, 0.2897, 0.3298

# Square

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



79.9655, 0.3416, 0.3401



79.9655, 0.3153, 0.3522



79.9655, 0.2847, 0.3168



79.9655, 0.3096, 0.3072

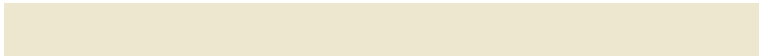


# Rectangle

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



79.9655, 0.3416, 0.3401



79.9655, 0.3333, 0.3539



79.9655, 0.2847, 0.3168



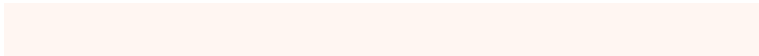
79.9655, 0.2923, 0.3046

# Sweetspot

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



79.9604, 0.3416, 0.3401



93.3906, 0.3208, 0.3323



75.9052, 0.3220, 0.2994



19.7964, 0.3220, 0.3328



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

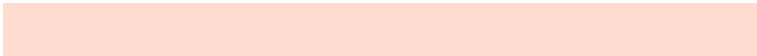


# Same Dimension

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



79.9604, 0.3416, 0.3401



76.6710, 0.3478, 0.3423



91.6884, 0.3384, 0.3601



18.7771, 0.3288, 0.3354



13.4893, 0.6042, 0.3584

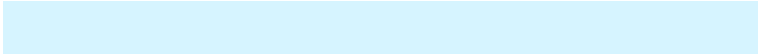


1.4840, 0.5823, 0.3758

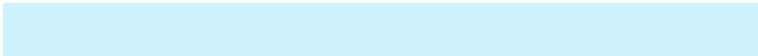


# Inverse Universe

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



86.2485, 0.2878, 0.3176



83.9505, 0.2833, 0.3154



74.6124, 0.2869, 0.2959



19.6112, 0.2980, 0.3225



22.5591, 0.1999, 0.2395

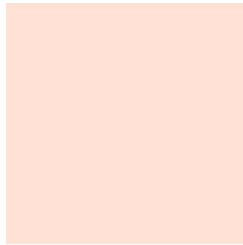


2.3765, 0.2031, 0.2510



# Previews

## White Background



This preview shows how the Yxy color 79.9655, 0.3416, 0.3401 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

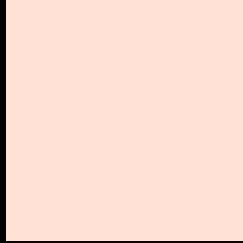
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 79.9655, 0.3416, 0.3401 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

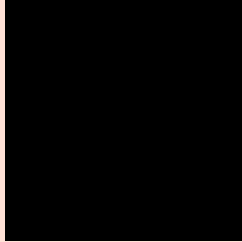
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

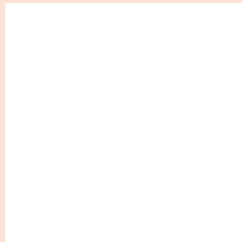
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 79.9655, 0.3416, 0.3401**

## **Background**



This preview shows how black text looks on a background with the Yxy color 79.9655, 0.3416, 0.3401.

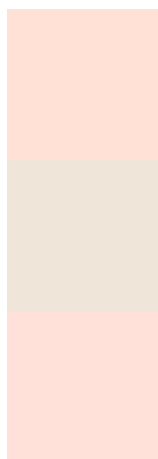


This preview shows how white text looks on a background with the Yxy color 79.9655, 0.3416, 0.3401.

# 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

79.9655, 0.3416, 0.3401

### Protanopia

79.9541, 0.3274, 0.3425

### Deuteranopia

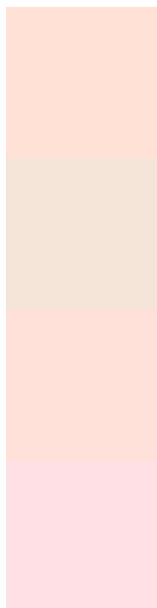
80.1724, 0.3388, 0.3361



## Tritanopia

80.2084, 0.3254, 0.3142

# Trichromacy



## Original Color

79.9655, 0.3416, 0.3401

## Protanomaly

79.8572, 0.3326, 0.3414

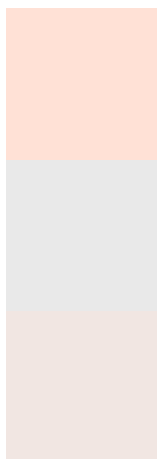
## Deuteranomaly

80.1202, 0.3395, 0.3371

## Tritanomaly

80.2285, 0.3314, 0.3241

# Monochromacy



## Original Color

79.9655, 0.3416, 0.3401

## Achromatopsia

81.4847, 0.3127, 0.3290

## Achromatomaly

80.7854, 0.3229, 0.3331

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 79.9655, 0.3416, 0.3401 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, 225, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 225, 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(255, 225, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 225, 214) }
```

## Border

The CSS property to change the border of an element to Yxy 79.9655, 0.3416, 0.3401 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, 225, 214) }
```

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

```
.border{ border-color:rgb(255, 225, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 225, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 225, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 225, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 225,  
214) }
```



# Background

The CSS property to change the background color of an element to Yxy 79.9655, 0.3416, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 225, 214) }
```

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

```
.background{ background-color: rgb(255,  
225, 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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