

# Converting Colors

$Yxy(78.1115, 0.3474, 0.3378)$

Have a look what the booklet for  
Yxy(78.1115, 0.3474, 0.3378)  
contains.

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# Color

**Yxy(77.1495, 0.3445, 0.3382)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FFDCD3
RGB	255, 220, 211
RGB Percent	100%, 86%, 83%
CMY	0.0001, 0.1372, 0.1725
CMYK	0.00, 0.14, 0.17, 0.00
HSL	12°, 100%, 91%
HSV	12°, 17%, 100%
XYZ	78.5866, 77.1495, 72.3818
YIQ	229.4390, 23.7490, 4.6210

# Conversions

## Conversions Part 2

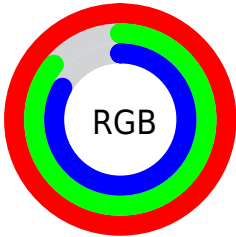
Format	Color
R <sub>Y</sub> B	255, 222, 211
Decimal	16768211
CIE Lab	90.39, 10.71, 8.88
CIE LCh	90, 13.913, 39.670
Yxy	77.1495, 0.3445, 0.3382
Android (android.graphics.Color)	4294958291 (0xFFFFD3D3)
YUV	229.4390, -9.0904, 22.4170
Hunter-Lab	87.8348, 5.9948, 12.6254

# Details

The Yxy color **77.1495, 0.3445, 0.3382** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9673, 0.2861, 0.3196**, and the grayscale version is **78.7511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3504, 0.3516, 0.3395** is the 20% darker color. If you saturate the color by 10%, you get **65.9668, 0.3683, 0.3439**, and if you desaturate by 10%, it is **89.8330, 0.3248, 0.3327**.

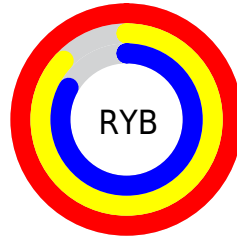
# Distribution



Red (100%)

Green (86%)

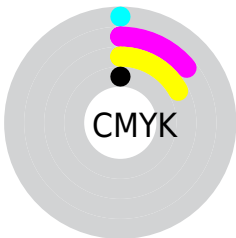
Blue (83%)



Red (100%)

Yellow (87%)

Blue (83%)

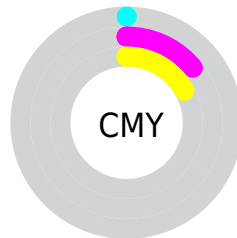


Cyan (0%)

Magenta (14%)

Yellow (17%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 77.1495, 0.3445, 0.3382 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 77.1495, 0.3445, 0.3382 by changing the saturation by 10% instead.




 77.1495, 0.3445,  
0.3382

 77.1495, 0.3445,  
0.3382


485.2736, 0.3298,  
0.3342

 57.3756, 0.3478,  
0.3391

129.3505, 0.3394,  
0.3369

 41.3069, 0.3520,  
0.3401


162.5464, 0.3374,  
0.3363

 28.5589, 0.3572,  
0.3414


200.9850, 0.3357,  
0.3358

 18.7474, 0.3640,  
0.3430

245.0508, 0.3343,  
0.3354

 11.4879, 0.3732,  
0.3450

295.1282, 0.3330,  
0.3351

 6.3960, 0.3864,  
0.3477

351.6015, 0.3318,

 3.0873, 0.4069,

0.3347

0.3512

414.8552, 0.3308,  
0.3344

■ 1.1775, 0.4476,  
0.3595

■ 0.0432, 0.8750,  
0.1250

■ 77.1495, 0.3445,  
0.3382

■ 77.1495, 0.3445,  
0.3382

■ 65.9668, 0.3683,  
0.3439

■ 89.8330, 0.3248,  
0.3327

■ 56.2190, 0.3968,  
0.3497

99.9966, 0.3127,  
0.3290

■ 47.8505, 0.4304,  
0.3550

■ 40.7982, 0.4686,  
0.3593

■ 34.9938, 0.5100,  
0.3615

■ 30.3629, 0.5512,  
0.3607

■ 26.8226, 0.5874,  
0.3562

■ 24.2773, 0.6138,  
0.3484

■ 23.7313, 0.6196,  
0.3462

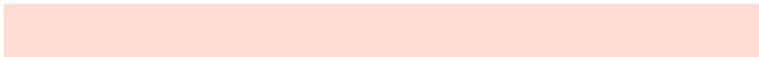
# Harmonies

## Analogous

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



77.1495, 0.3365, 0.3240



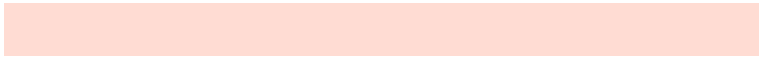
77.1495, 0.3445, 0.3382



77.1495, 0.3437, 0.3504

# Triad

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



77.1495, 0.3445, 0.3382



77.1495, 0.3030, 0.3476



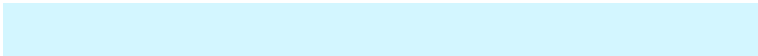
77.1495, 0.2910, 0.3015

# Complementary

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



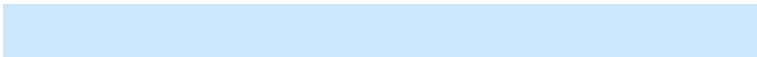
77.1495, 0.3445, 0.3382



86.9673, 0.2861, 0.3196

# 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.



77.1495, 0.2825, 0.3069



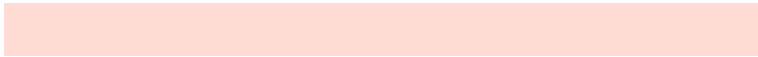
77.1495, 0.3445, 0.3382



77.1495, 0.2894, 0.3335

# Square

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



77.1495, 0.3445, 0.3382



77.1495, 0.3195, 0.3565



77.1495, 0.2820, 0.3185



77.1495, 0.3053, 0.3032

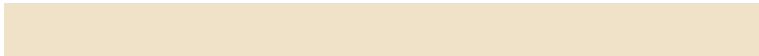


# Rectangle

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



77.1495, 0.3445, 0.3382



77.1495, 0.3384, 0.3558



77.1495, 0.2820, 0.3185



77.1495, 0.2874, 0.3025

# Sweetspot

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



77.1530, 0.3445, 0.3382



92.9063, 0.3209, 0.3316



74.5146, 0.3207, 0.2943



19.6791, 0.3221, 0.3319



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.



77.1530, 0.3445, 0.3382



72.7928, 0.3529, 0.3403



89.3395, 0.3409, 0.3596



18.5893, 0.3289, 0.3339



12.5703, 0.6171, 0.3482

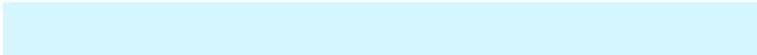


1.3708, 0.5965, 0.3646

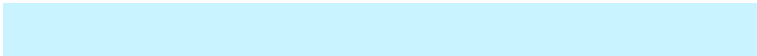


# Inverse Universe

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



86.9673, 0.2861, 0.3196



84.4227, 0.2805, 0.3174



74.4881, 0.2850, 0.2964



19.8125, 0.2980, 0.3240



26.2586, 0.2060, 0.2617

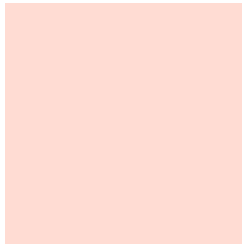


2.7086, 0.2084, 0.2702



# Previews

## White Background



This preview shows how the Yxy color 77.1495, 0.3445, 0.3382 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

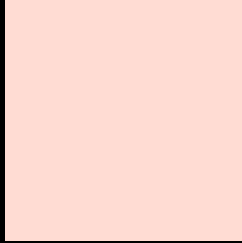
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 77.1495, 0.3445, 0.3382 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

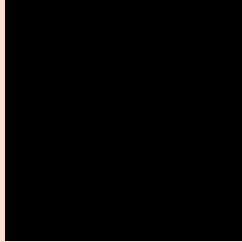
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

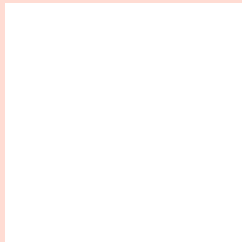
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 77.1495, 0.3445, 0.3382**

## **Background**



This preview shows how black text looks on a background with the Yxy color 77.1495, 0.3445, 0.3382.

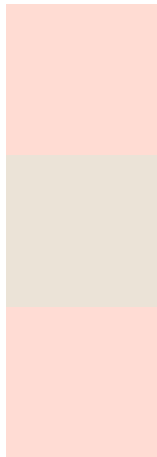


This preview shows how white text looks on a background with the Yxy color 77.1495, 0.3445, 0.3382.

# 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

77.1495, 0.3445, 0.3382

### Protanopia

77.5066, 0.3262, 0.3417

### Deuteranopia

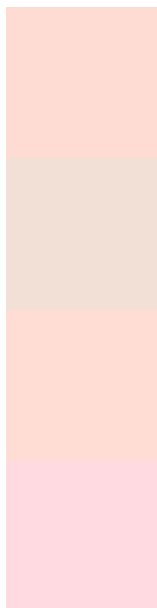
77.1999, 0.3438, 0.3372



## Tritanopia

77.2860, 0.3293, 0.3141

# Trichromacy



## Original Color

77.1495, 0.3445, 0.3382

## Protanomaly

77.0436, 0.3323, 0.3394

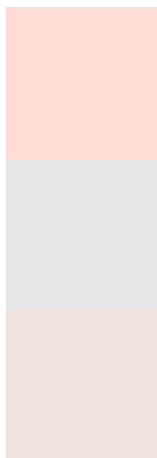
## Deuteranomaly

77.1999, 0.3438, 0.3372

## Tritanomaly

77.3593, 0.3348, 0.3231

# Monochromacy



## Original Color

77.1495, 0.3445, 0.3382

## Achromatopsia

78.3538, 0.3127, 0.3290

## Achromatomaly

77.8438, 0.3238, 0.3332

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 77.1495, 0.3445, 0.3382 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, 220, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 211)  
}
```

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, 220, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 77.1495, 0.3445, 0.3382 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, 220, 211) }
```

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

```
.border{ border-color:rgb(255, 220, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 77.1495, 0.3445, 0.3382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 211) }
```

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

```
.background{ background-color: rgb(255,  
220, 211) }
```

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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