

Converting Colors

$Yxy(79.5532, 0.3560, 0.3402)$

Have a look what the booklet for
Yxy(79.5532, 0.3560, 0.3402)
contains.

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Color

Yxy(77.0498, 0.3459, 0.3402)

Conversions

Conversions Part 1

Format	Color
Hex	FFDCD1
RGB	255, 220, 209
RGB Percent	100%, 86%, 82%
CMY	0.0001, 0.1372, 0.1802
CMYK	0.00, 0.14, 0.18, 0.00
HSL	14°, 100%, 91%
HSV	14°, 18%, 100%
XYZ	78.3408, 77.0498, 71.0933
YIQ	229.2110, 24.3910, 3.9990

Conversions

Conversions Part 2

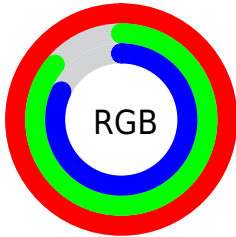
Format	Color
R _Y B	255, 223, 209
Decimal	16768209
CIE Lab	90.34, 10.42, 9.84
CIE LCh	90, 14.333, 43.382
Yxy	77.0498, 0.3459, 0.3402
Android (android.graphics.Color)	4294958289 (0xFFFFDCD1)
YUV	229.2110, -9.9640, 22.6170
Hunter-Lab	87.7780, 5.6974, 13.4244

Details

The Yxy color **77.0498, 0.3459, 0.3402** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.4926, 0.2849, 0.3175**, and the grayscale version is **78.5820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2826, 0.3535, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **66.2836, 0.3696, 0.3469**, and if you desaturate by 10%, it is **89.2083, 0.3261, 0.3338**.

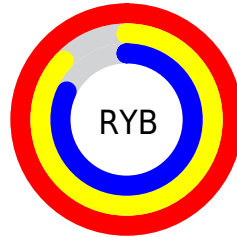
Distribution



Red (100%)

Green (86%)

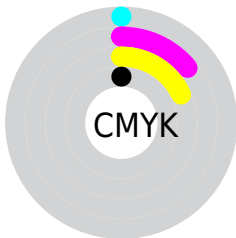
Blue (82%)



Red (100%)

Yellow (87%)

Blue (82%)

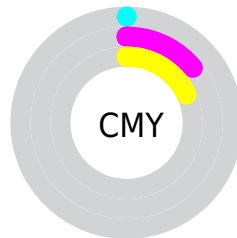


Cyan (0%)

Magenta (14%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (14%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0498, 0.3459, 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 77.0498, 0.3459, 0.3402 by changing the saturation by 10% instead.


 77.0498, 0.3459,
0.3402

 77.0498, 0.3459,
0.3402


484.9338, 0.3306,
0.3353

 57.2937, 0.3494,
0.3413


129.2098, 0.3406,
0.3385

 41.2411, 0.3537,
0.3425


162.3825, 0.3385,
0.3379

 28.5075, 0.3591,
0.3441


200.7962, 0.3368,
0.3373

 18.7086, 0.3662,
0.3461

244.8353, 0.3352,
0.3368

 11.4599, 0.3759,
0.3486

294.8843, 0.3338,
0.3364

 6.3771, 0.3897,
0.3520

351.3274, 0.3326,

 3.0757, 0.4110,

0.3360

0.3565

414.5491, 0.3316,
0.3356

■ 1.1714, 0.4558,
0.3685

■ 0.0381, 0.8840,
0.1160

■ 77.0498, 0.3459,
0.3402

■ 77.0498, 0.3459,
0.3402

■ 66.2836, 0.3696,
0.3469

■ 89.2083, 0.3261,
0.3338

■ 56.8494, 0.3978,
0.3536

99.9964, 0.3127,
0.3290

■ 48.6978, 0.4308,
0.3597

■ 41.7722, 0.4681,
0.3647

■ 36.0116, 0.5081,
0.3673

■ 31.3496, 0.5478,
0.3665

■ 27.7126, 0.5827,
0.3616

■ 25.0148, 0.6088,
0.3531

■ 24.5786, 0.6132,
0.3513

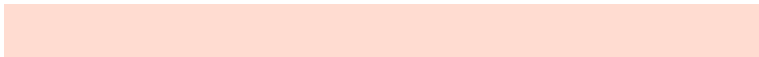
Harmonies

Analogous

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



77.0498, 0.3386, 0.3257



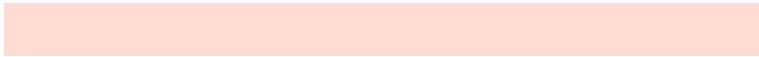
77.0498, 0.3459, 0.3402



77.0498, 0.3439, 0.3523

Triad

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



77.0498, 0.3459, 0.3402



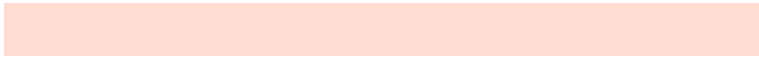
77.0498, 0.3007, 0.3466



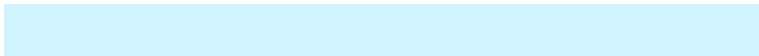
77.0498, 0.2919, 0.3005

Complementary

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



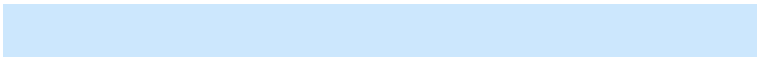
77.0498, 0.3459, 0.3402



85.4926, 0.2849, 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.



77.0498, 0.2823, 0.3051



77.0498, 0.3459, 0.3402



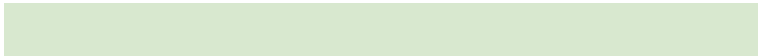
77.0498, 0.2873, 0.3316

Square

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



77.0498, 0.3459, 0.3402



77.0498, 0.3176, 0.3566



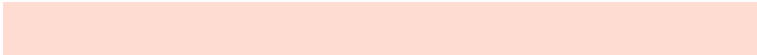
77.0498, 0.2807, 0.3164



77.0498, 0.3071, 0.3032

Rectangle

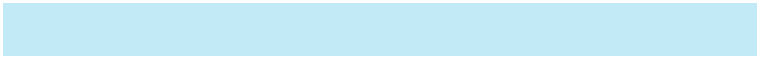
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0498, 0.3459, 0.3402



77.0498, 0.3378, 0.3573



77.0498, 0.2807, 0.3164



77.0498, 0.2879, 0.3012

Sweetspot

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



77.0533, 0.3459, 0.3402



93.1681, 0.3208, 0.3320



73.4273, 0.3222, 0.2942



19.7425, 0.3220, 0.3324



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.



77.0533, 0.3459, 0.3402



72.6107, 0.3548, 0.3428



89.8027, 0.3420, 0.3625



18.6908, 0.3288, 0.3347



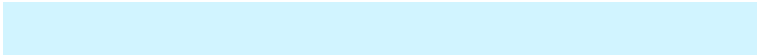
13.0352, 0.6105, 0.3535



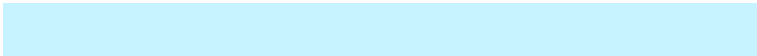
1.4294, 0.5890, 0.3705

Inverse Universe

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



85.4926, 0.2849, 0.3175



82.6211, 0.2789, 0.3147



72.6496, 0.2836, 0.2931



19.7034, 0.2980, 0.3232



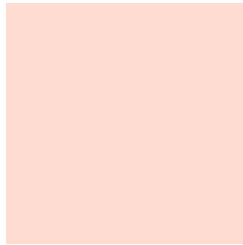
24.2085, 0.2027, 0.2498



2.5252, 0.2055, 0.2599

Previews

White Background



This preview shows how the Yxy color 77.0498, 0.3459, 0.3402 looks on a white background.

Color Contrast Check

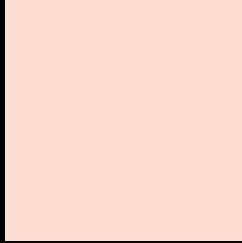
Large Text (above 18pt) WCAG AA × Fail

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 77.0498, 0.3459, 0.3402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

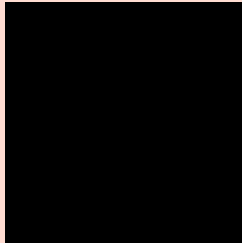
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

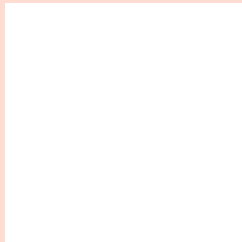
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0498, 0.3459, 0.3402

Background



This preview shows how black text looks on a background with the Yxy color 77.0498, 0.3459, 0.3402.

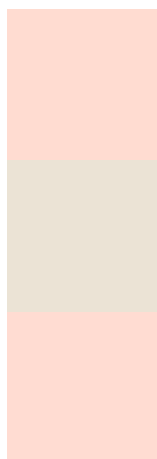


This preview shows how white text looks on a background with the Yxy color 77.0498, 0.3459, 0.3402.

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

77.0498, 0.3459, 0.3402

Protanopia

77.4044, 0.3275, 0.3438

Deuteranopia

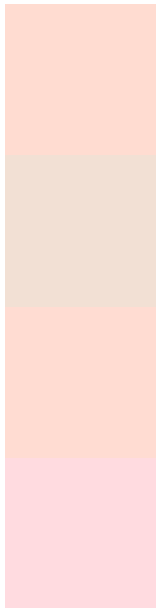
77.0995, 0.3452, 0.3392



Tritanopia

77.2860, 0.3293, 0.3141

Trichromacy



Original Color

77.0498, 0.3459, 0.3402

Protanomaly

76.9420, 0.3336, 0.3415

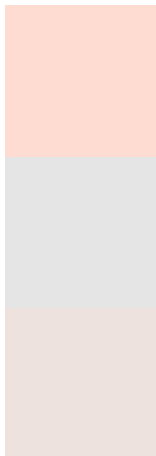
Deuteranomaly

77.0995, 0.3452, 0.3392

Tritanomaly

77.3049, 0.3355, 0.3241

Monochromacy



Original Color

77.0498, 0.3459, 0.3402

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 77.0498, 0.3459, 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, 220, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 209) }
```

Border

The CSS property to change the border of an element to Yxy 77.0498, 0.3459, 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, 220, 209) }
```

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

```
.border{ border-color:rgb(255, 220, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0498, 0.3459, 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, 220, 209) }
```

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

```
.background{ background-color: rgb(255,  
220, 209) }
```

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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