

Converting Colors

$Y_{xy}(79.6173, 0.3443, 0.3361)$

Have a look what the booklet for
Yxy(79.6173, 0.3443, 0.3361)
contains.

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Color

Yxy(78.9932, 0.3405, 0.3361)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFD8
RGB	255, 223, 216
RGB Percent	100%, 87%, 85%
CMY	0.0000, 0.1255, 0.1529
CMYK	0.00, 0.13, 0.15, 0.00
HSL	11°, 100%, 92%
HSV	11°, 15%, 100%
XYZ	80.0273, 78.9932, 76.0083
YIQ	231.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

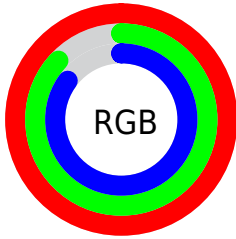
Format	Color
R_{YB}	255, 225, 216
Decimal	16768984
CIE _{Lab}	91.23, 9.94, 7.46
CIE _{LCh}	91, 12.427, 36.914
Yxy	78.9932, 0.3405, 0.3361
Android (android.graphics.Color)	4294959064 (0xFFFFDFD8)
YUV	231.7700, -7.7746, 20.3727
Hunter-Lab	88.8781, 5.1876, 11.5100

Details

The Yxy color **78.9932, 0.3405, 0.3361** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.9698, 0.2892, 0.3218**, and the grayscale version is **80.5635, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5842, 0.3472, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **67.2726, 0.3637, 0.3411**, and if you desaturate by 10%, it is **92.3041, 0.3214, 0.3314**.

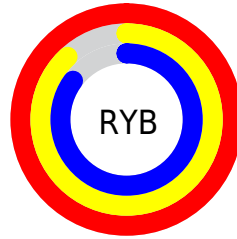
Distribution



Red (100%)

Green (87%)

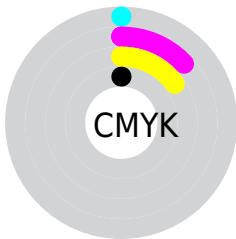
Blue (85%)



Red (100%)

Yellow (88%)

Blue (85%)

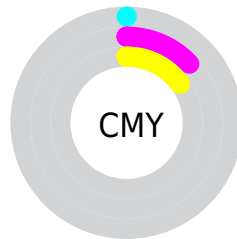


Cyan (0%)

Magenta (13%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9932, 0.3405, 0.3361 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 78.9932, 0.3405, 0.3361 by changing the saturation by 10% instead.


 78.9932, 0.3405,
0.3361

 78.9932, 0.3405,
0.3361


491.5333, 0.3277,
0.3330

 58.8902, 0.3434,
0.3368


131.9493, 0.3361,
0.3351

 42.5248, 0.3469,
0.3376


165.5712, 0.3344,
0.3347

 29.5124, 0.3514,
0.3385


204.4682, 0.3329,
0.3343

 19.4688, 0.3573,
0.3397

249.0247, 0.3316,
0.3340

 12.0095, 0.3652,
0.3413

299.6250, 0.3305,
0.3337

 6.7501, 0.3765,
0.3433

356.6537, 0.3295,

 3.3063, 0.3939,

0.3334

0.3461

420.4950, 0.3286,
0.3332

■ 1.2937, 0.4247,
0.3501

■ 0.1363, 0.7319,
0.2681

■ 78.9932, 0.3405,
0.3361

■ 78.9932, 0.3405,
0.3361

■ 67.2726, 0.3637,
0.3411

■ 92.3041, 0.3214,
0.3314

■ 57.0788, 0.3917,
0.3462

100.0000, 0.3127,
0.3290

■ 48.3496, 0.4249,
0.3510

■ 41.0170, 0.4633,
0.3549

■ 35.0078, 0.5053,
0.3571

■ 30.2417, 0.5478,
0.3567

■ 26.6295, 0.5859,
0.3530

■ 24.0693, 0.6143,
0.3463

■ 23.1874, 0.6239,
0.3428

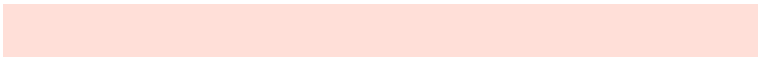
Harmonies

Analogous

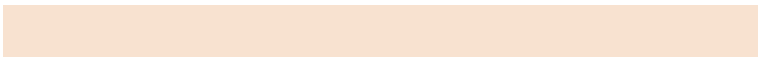
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9932, 0.3328, 0.3235



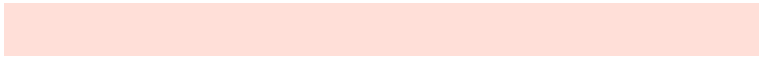
78.9932, 0.3405, 0.3361



78.9932, 0.3406, 0.3472

Triad

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



78.9932, 0.3405, 0.3361



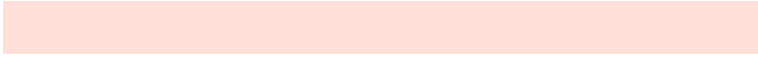
78.9932, 0.3054, 0.3464



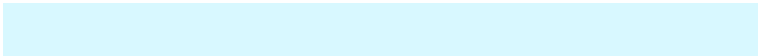
78.9932, 0.2925, 0.3047

Complementary

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



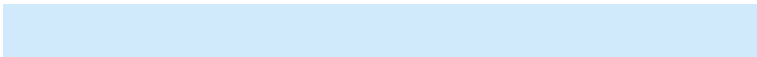
78.9932, 0.3405, 0.3361



88.9698, 0.2892, 0.3218

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.



78.9932, 0.2856, 0.3101



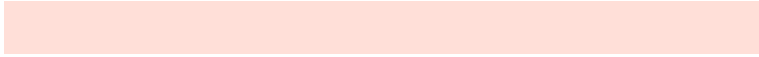
78.9932, 0.3405, 0.3361



78.9932, 0.2929, 0.3342

Square

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



78.9932, 0.3405, 0.3361



78.9932, 0.3201, 0.3536



78.9932, 0.2857, 0.3209



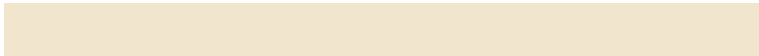
78.9932, 0.3049, 0.3057

Rectangle

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



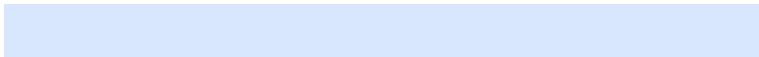
78.9932, 0.3405, 0.3361



78.9932, 0.3363, 0.3523



78.9932, 0.2857, 0.3209



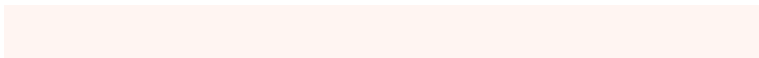
78.9932, 0.2895, 0.3059

Sweetspot

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



78.9945, 0.3405, 0.3361



92.7084, 0.3209, 0.3312



77.1912, 0.3188, 0.2972



19.6312, 0.3221, 0.3316



0.0000, 0.0000, 0.0000



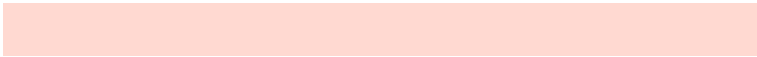
21.4041, 0.3127, 0.3290

Same Dimension

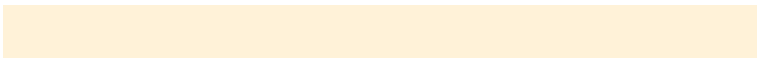
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.9945, 0.3405, 0.3361



75.6584, 0.3464, 0.3374



89.7274, 0.3376, 0.3548



18.5128, 0.3290, 0.3333



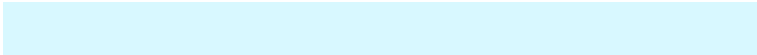
12.2668, 0.6216, 0.3446



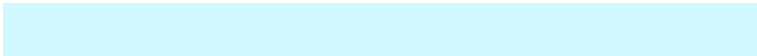
1.3306, 0.6019, 0.3603

Inverse Universe

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



88.9698, 0.2892, 0.3218



87.1779, 0.2851, 0.3204



77.8686, 0.2884, 0.3018



19.8956, 0.2980, 0.3246



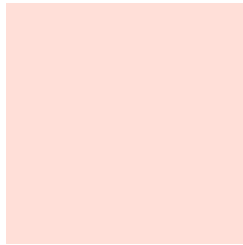
27.8888, 0.2085, 0.2706



2.8534, 0.2106, 0.2780

Previews

White Background



This preview shows how the Yxy color 78.9932, 0.3405, 0.3361 looks on a white background.

Color Contrast Check

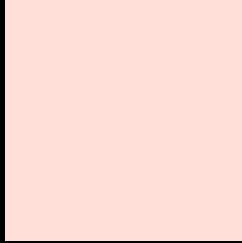
Large Text (above 18pt) WCAG AA × Fail

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 78.9932, 0.3405, 0.3361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

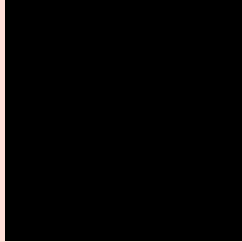
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

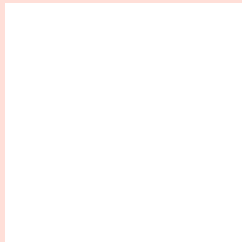
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9932, 0.3405, 0.3361

Background



This preview shows how black text looks on a background with the Yxy color 78.9932, 0.3405, 0.3361.

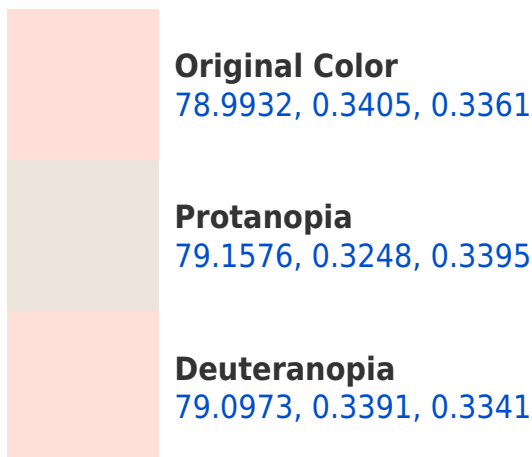


This preview shows how white text looks on a background with the Yxy color 78.9932, 0.3405, 0.3361.

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

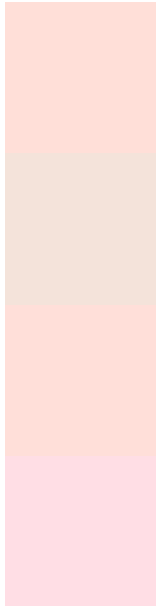




Tritanopia

79.0290, 0.3269, 0.3142

Trichromacy



Original Color

78.9932, 0.3405, 0.3361

Protanomaly

79.2332, 0.3306, 0.3383

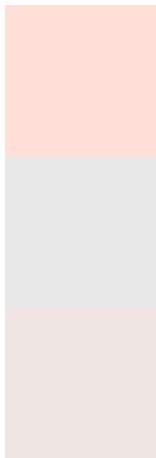
Deuteranomaly

79.0451, 0.3398, 0.3351

Tritanomaly

79.1597, 0.3316, 0.3221

Monochromacy



Original Color

78.9932, 0.3405, 0.3361

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

80.0549, 0.3223, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9932, 0.3405, 0.3361 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, 223, 216)` looks like.

```
.text, #text, p{  
  color:rgb(255, 223, 216)  
}
```

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, 223, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 216) }
```

Border

The CSS property to change the border of an element to Yxy 78.9932, 0.3405, 0.3361 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, 223, 216) }
```

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

```
.border{ border-color:rgb(255, 223, 216) }
```

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

Here you see how a box with a 4 pixel rgb(255, 223, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9932, 0.3405, 0.3361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 216) }
```

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

```
.background{ background-color: rgb(255,  
223, 216) }
```

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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