

Converting Colors

Yxy(87.6183, 0.3788, 0.3442)

Have a look what the booklet for
Yxy(87.6183, 0.3788, 0.3442)
contains.

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Color

Yxy(78.4916, 0.3475, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCE
RGB	255, 223, 206
RGB Percent	100%, 87%, 81%
CMY	0.0001, 0.1254, 0.1921
CMYK	0.00, 0.13, 0.19, 0.00
HSL	21°, 100%, 90%
HSV	21°, 19%, 100%
XYZ	78.7636, 78.4916, 69.4026
YIQ	230.6300, 24.5290, 1.4970

Conversions

Conversions Part 2

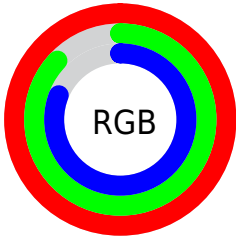
Format	Color
R _Y B	255, 232, 206
Decimal	16768974
CIE _{Lab}	91.00, 8.42, 12.37
CIE _{LCh}	91, 14.960, 55.760
Y _{xy}	78.4916, 0.3475, 0.3463
Android (android.graphics.Color)	4294959054 (0xFFFFDFCE)
YUV	230.6300, -12.1426, 21.3725
Hunter-Lab	88.5955, 3.6488, 15.5711

Details

The Yxy color **78.4916, 0.3475, 0.3463** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4825, 0.2828, 0.3110**, and the grayscale version is **79.7014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2780, 0.3555, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **68.8912, 0.3704, 0.3559**, and if you desaturate by 10%, it is **89.1747, 0.3280, 0.3370**.

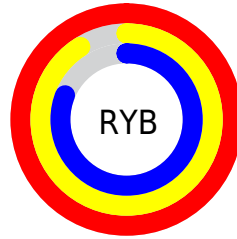
Distribution



Red (100%)

Green (87%)

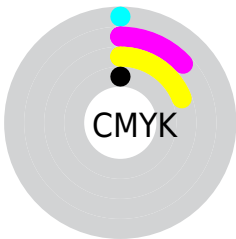
Blue (81%)



Red (100%)

Yellow (91%)

Blue (81%)

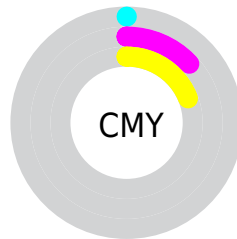


Cyan (0%)

Magenta (13%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4916, 0.3475, 0.3463 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 78.4916, 0.3475, 0.3463 by changing the saturation by 10% instead.


 78.4916, 0.3475,
0.3463

 78.4916, 0.3475,
0.3463


489.8348, 0.3315,
0.3386

 58.4779, 0.3511,
0.3480


131.2429, 0.3420,
0.3437

 42.1930, 0.3556,
0.3500

164.7493, 0.3398,
0.3427

 29.2524, 0.3612,
0.3525


203.5220, 0.3380,
0.3418

 19.2719, 0.3685,
0.3557

247.9455, 0.3363,
0.3410

 11.8669, 0.3784,
0.3599

298.4041, 0.3349,
0.3403

 6.6531, 0.3925,
0.3654

355.2823, 0.3337,

 3.2461, 0.4139,

0.3397

0.3732

418.9643, 0.3325,
0.3391

■ 1.2615, 0.4618,
0.3940

■ 0.1111, 0.7368,
0.2632

■ 78.4916, 0.3475,
0.3463

■ 78.4916, 0.3475,
0.3463

■ 68.8912, 0.3704,
0.3559

■ 89.1747, 0.3280,
0.3370

■ 60.3282, 0.3969,
0.3655

99.9957, 0.3127,
0.3290

■ 52.7692, 0.4271,
0.3745

■ 46.1753, 0.4605,
0.3818

■ 40.5044, 0.4956,
0.3863

■ 35.7112, 0.5302,
0.3866

■ 31.7451, 0.5611,
0.3819

■ 28.5447, 0.5857,
0.3725

■ 28.3184, 0.5875,
0.3717

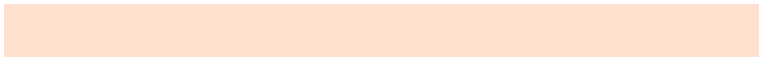
Harmonies

Analogous

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



78.4916, 0.3438, 0.3318



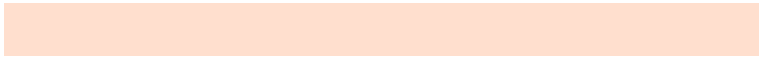
78.4916, 0.3475, 0.3463



78.4916, 0.3416, 0.3568

Triad

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



78.4916, 0.3475, 0.3463



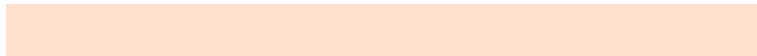
78.4916, 0.2939, 0.3412



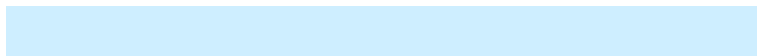
78.4916, 0.2971, 0.2997

Complementary

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



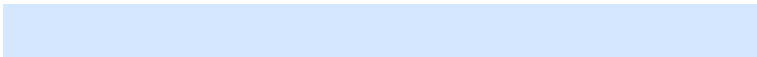
78.4916, 0.3475, 0.3463



81.4825, 0.2828, 0.3110

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.



78.4916, 0.2844, 0.3013



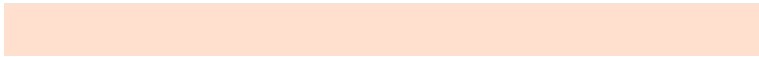
78.4916, 0.3475, 0.3463



78.4916, 0.2825, 0.3249

Square

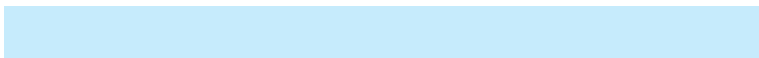
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4916, 0.3475, 0.3463



78.4916, 0.3104, 0.3543



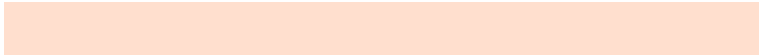
78.4916, 0.2791, 0.3103



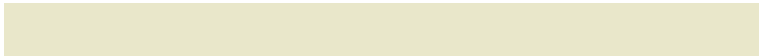
78.4916, 0.3143, 0.3055

Rectangle

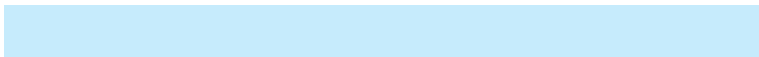
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4916, 0.3475, 0.3463



78.4916, 0.3331, 0.3599



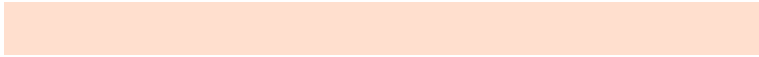
78.4916, 0.2791, 0.3103



78.4916, 0.2922, 0.2994

Sweetspot

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



78.4951, 0.3475, 0.3463



92.8448, 0.3224, 0.3342



71.6193, 0.3264, 0.2965



19.7111, 0.3235, 0.3348



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.



78.4951, 0.3475, 0.3463



74.7368, 0.3558, 0.3499



92.1229, 0.3432, 0.3694



19.0181, 0.3286, 0.3373



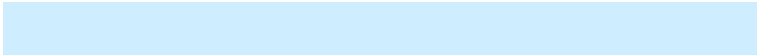
15.0504, 0.5846, 0.3741



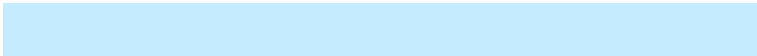
1.6604, 0.5628, 0.3914

Inverse Universe

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



81.4825, 0.2828, 0.3110



78.2146, 0.2768, 0.3071



68.5267, 0.2812, 0.2851



19.3577, 0.2980, 0.3206



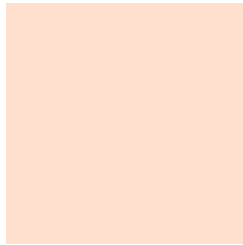
18.4057, 0.1919, 0.2109



1.9965, 0.1961, 0.2259

Previews

White Background



This preview shows how the Yxy color 78.4916, 0.3475, 0.3463 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 78.4916, 0.3475, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

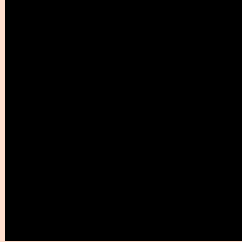
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

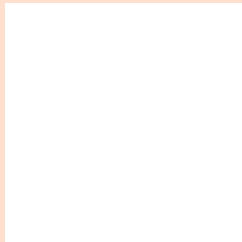
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4916, 0.3475, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 78.4916, 0.3475, 0.3463.

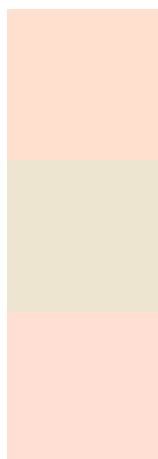


This preview shows how white text looks on a background with the Yxy color 78.4916, 0.3475, 0.3463.

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

78.4916, 0.3475, 0.3463

Protanopia

78.8192, 0.3321, 0.3500

Deuteranopia

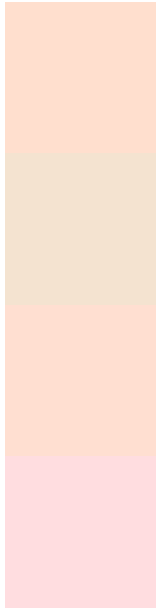
78.7385, 0.3440, 0.3412



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.4916, 0.3475, 0.3463

Protanomaly

78.7253, 0.3374, 0.3487

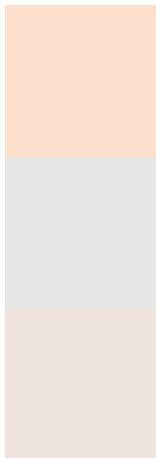
Deuteranomaly

78.6388, 0.3454, 0.3432

Tritanomaly

78.3547, 0.3352, 0.3261

Monochromacy



Original Color

78.4916, 0.3475, 0.3463

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.2860, 0.3250, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4916, 0.3475, 0.3463 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, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 206)  
}
```

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, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 206) }
```

Border

The CSS property to change the border of an element to Yxy 78.4916, 0.3475, 0.3463 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, 206) }
```

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

```
.border{ border-color:rgb(255, 223, 206) }
```

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, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4916, 0.3475, 0.3463 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, 206) }
```

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

```
.background{ background-color: rgb(255,  
223, 206) }
```

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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