

Converting Colors

$Yxy(78.2049, 0.3486, 0.3474)$

Have a look what the booklet for
Yxy(78.2049, 0.3486, 0.3474)
contains.

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Color

Yxy(78.4431, 0.3482, 0.3473)

Conversions

Conversions Part 1

Format	Color
Hex	FFDFCD
RGB	255, 223, 205
RGB Percent	100%, 87%, 80%
CMY	0.0001, 0.1255, 0.1959
CMYK	0.00, 0.13, 0.20, 0.00
HSL	22°, 100%, 90%
HSV	22°, 20%, 100%
XYZ	78.6464, 78.4431, 68.7761
YIQ	230.5160, 24.8500, 1.1860

Conversions

Conversions Part 2

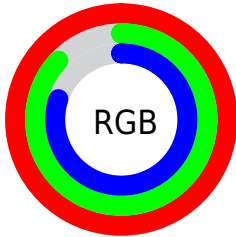
Format	Color
RYB	255, 233, 205
Decimal	16768973
CIELab	90.98, 8.28, 12.85
CIELCh	91, 15.286, 57.204
Yxy	78.4431, 0.3482, 0.3473
Android (android.graphics.Color)	4294959053 (0xFFFFDFCD)
YUV	230.5160, -12.5794, 21.4725
Hunter-Lab	88.5681, 3.5096, 15.9570

Details

The Yxy color $78.4431, 0.3482, 0.3473$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $80.7802, 0.2821, 0.3100$, and the grayscale version is $79.6168, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $42.2454, 0.3564, 0.3512$ is the 20% darker color. If you saturate the color by 10%, you get $69.0065, 0.3710, 0.3573$, and if you desaturate by 10%, it is $88.9285, 0.3287, 0.3377$.

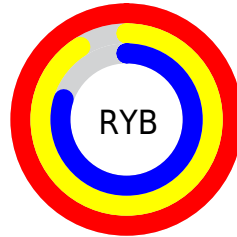
Distribution



Red (100%)

Green (87%)

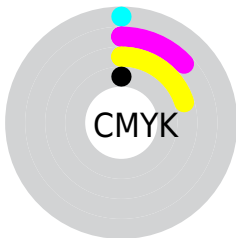
Blue (80%)



Red (100%)

Yellow (91%)

Blue (80%)

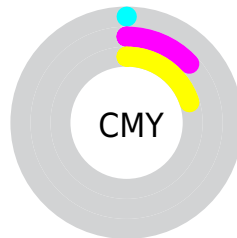


Cyan (0%)

Magenta (13%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.4431, 0.3482, 0.3473 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 78.4431, 0.3482, 0.3473 by changing the saturation by 10% instead.


 78.4431, 0.3482,
0.3473

 78.4431, 0.3482,
0.3473

489.6703, 0.3319,
0.3392

 58.4380, 0.3519,
0.3491

131.1746, 0.3426,
0.3445

 42.1609, 0.3564,
0.3512


164.6698, 0.3404,
0.3435

 29.2273, 0.3622,
0.3539


203.4305, 0.3385,
0.3425

 19.2528, 0.3696,
0.3573

247.8411, 0.3368,
0.3417

 11.8531, 0.3797,
0.3617

298.2860, 0.3354,
0.3409

 6.6437, 0.3940,
0.3676

355.1495, 0.3341,

 3.2403, 0.4158,

0.3403

0.3758

418.8162, 0.3329,
0.3397

■ 1.2584, 0.4661,
0.3990

■ 0.1087, 0.7375,
0.2625

■ 78.4431, 0.3482,
0.3473

■ 78.4431, 0.3482,
0.3473

■ 69.0065, 0.3710,
0.3573

■ 88.9285, 0.3287,
0.3377

■ 60.5746, 0.3974,
0.3672

99.9972, 0.3127,
0.3290

■ 53.1159, 0.4274,
0.3764

■ 46.5927, 0.4604,
0.3840

■ 40.9648, 0.4949,
0.3886

■ 36.1887, 0.5288,
0.3890

■ 32.2158, 0.5590,
0.3842

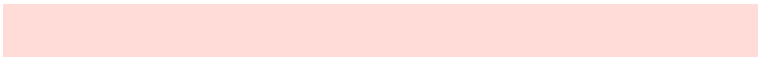
■ 28.9858, 0.5832,
0.3748

■ 28.8670, 0.5841,
0.3744

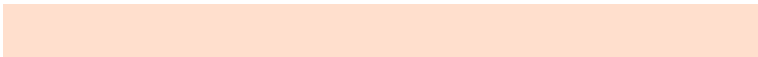
Harmonies

Analogous

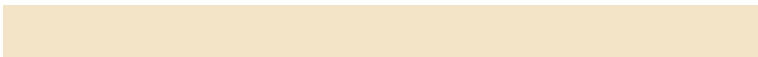
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.4431, 0.3449, 0.3326



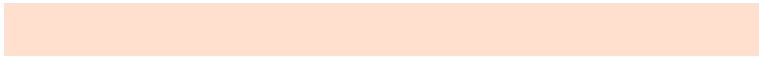
78.4431, 0.3482, 0.3473



78.4431, 0.3417, 0.3577

Triad

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



78.4431, 0.3482, 0.3473



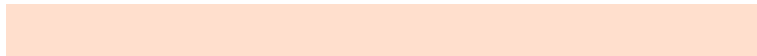
78.4431, 0.2927, 0.3407



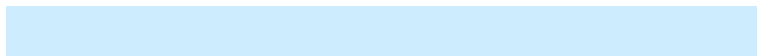
78.4431, 0.2975, 0.2992

Complementary

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



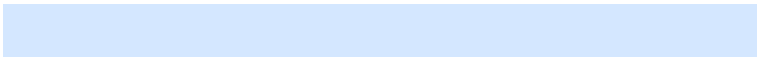
78.4431, 0.3482, 0.3473



80.7802, 0.2821, 0.3100

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.



78.4431, 0.2842, 0.3005



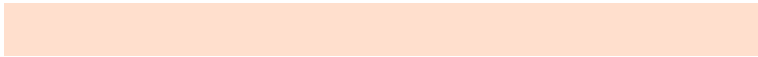
78.4431, 0.3482, 0.3473



78.4431, 0.2815, 0.3240

Square

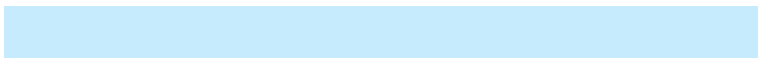
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.4431, 0.3482, 0.3473



78.4431, 0.3094, 0.3544



78.4431, 0.2785, 0.3093



78.4431, 0.3152, 0.3054

Rectangle

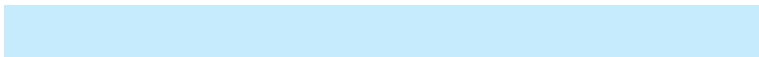
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.4431, 0.3482, 0.3473



78.4431, 0.3328, 0.3606



78.4431, 0.2785, 0.3093



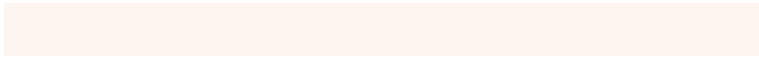
78.4431, 0.2924, 0.2988

Sweetspot

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



78.4466, 0.3482, 0.3473



92.9623, 0.3224, 0.3344



71.0816, 0.3273, 0.2967



19.7388, 0.3235, 0.3350



0.0000, 0.0000, 0.0000



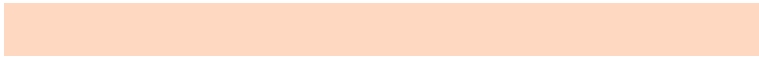
21.4041, 0.3127, 0.3290

Same Dimension

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



78.4466, 0.3482, 0.3473



74.1653, 0.3578, 0.3517



92.4904, 0.3437, 0.3710



19.0567, 0.3285, 0.3376



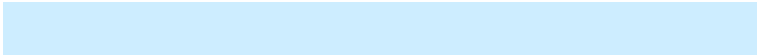
15.3418, 0.5812, 0.3768



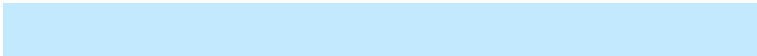
1.6919, 0.5595, 0.3939

Inverse Universe

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



80.7802, 0.2821, 0.3100



76.9297, 0.2752, 0.3051



67.5556, 0.2805, 0.2832



19.3175, 0.2980, 0.3202



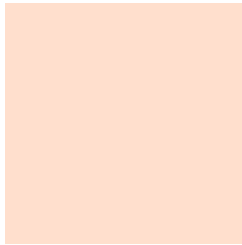
17.7998, 0.1907, 0.2064



1.9403, 0.1950, 0.2219

Previews

White Background



This preview shows how the Yxy color 78.4431, 0.3482, 0.3473 looks on a white background.

Color Contrast Check

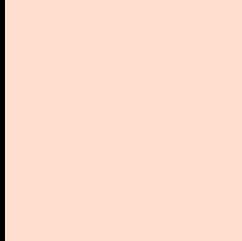
Large Text (above 18pt) WCAG AA × Fail

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 78.4431, 0.3482, 0.3473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

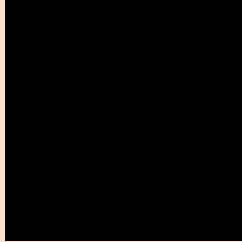
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.4431, 0.3482, 0.3473

Background



This preview shows how black text looks on a background with the Yxy color 78.4431, 0.3482, 0.3473.



This preview shows how white text looks on a background with the Yxy color 78.4431, 0.3482, 0.3473.

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

78.4431, 0.3482, 0.3473

Protanopia

78.7698, 0.3328, 0.3511

Deuteranopia

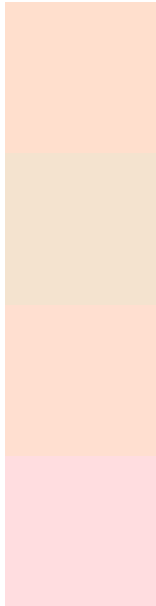
78.6885, 0.3447, 0.3422



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.4431, 0.3482, 0.3473

Protanomaly

78.6763, 0.3381, 0.3498

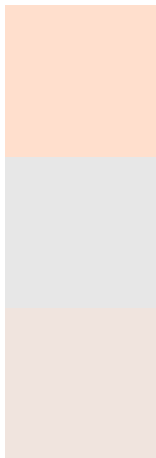
Deuteranomaly

78.5894, 0.3461, 0.3443

Tritanomaly

78.3547, 0.3352, 0.3261

Monochromacy



Original Color

78.4431, 0.3482, 0.3473

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 78.4431, 0.3482, 0.3473 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 205) }
```

Border

The CSS property to change the border of an element to Yxy 78.4431, 0.3482, 0.3473 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, 205) }
```

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

```
.border{ border-color:rgb(255, 223, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4431, 0.3482, 0.3473 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
223, 205) }
```

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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