

Converting Colors

$Y_{xy}(78.3236, 0.3449, 0.3416)$

Have a look what the booklet for
Yxy(78.3236, 0.3449, 0.3416)
contains.

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Color

Yxy(78.1557, 0.3449, 0.3412)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FFDED2 |
| RGB | 255, 222, 210 |
| RGB Percent | 100%, 87%, 82% |
| CMY | 0.0000, 0.1294, 0.1764 |
| CMYK | 0.00, 0.13, 0.18, 0.00 |
| HSL | 16°, 100%, 91% |
| HSV | 16°, 18%, 100% |
| XYZ | 79.0032, 78.1557, 71.9023 |
| YIQ | 230.4990, 23.5200, 3.2640 |

Conversions

Conversions Part 2

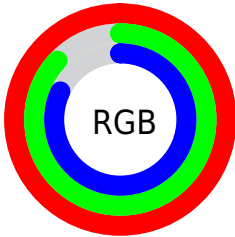
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 226, 210 |
| Decimal | 16768722 |
| CIE Lab | 90.85, 9.55, 10.06 |
| CIE LCh | 91, 13.874, 46.489 |
| Yxy | 78.1557, 0.3449, 0.3412 |
| Android (android.graphics.Color) | 4294958802 (0xFFFFDED2) |
| YUV | 230.4990, -10.1060, 21.4874 |
| Hunter-Lab | 88.4057, 4.8054, 13.6621 |

Details

The Yxy color **78.1557, 0.3449, 0.3412** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.0362, 0.2854, 0.3165**, and the grayscale version is **79.5807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0435, 0.3521, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **67.5894, 0.3681, 0.3486**, and if you desaturate by 10%, it is **90.0231, 0.3254, 0.3341**.

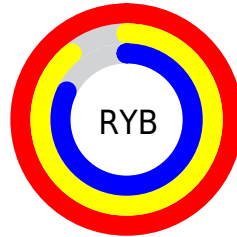
Distribution



Red (100%)

Green (87%)

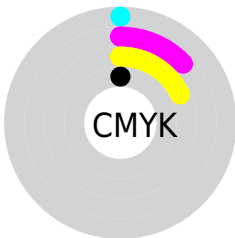
Blue (82%)



Red (100%)

Yellow (89%)

Blue (82%)

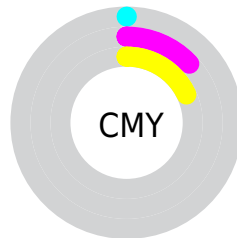


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (0%)



Cyan (0%)


Magenta (13%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1557, 0.3449, 0.3412 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 78.1557, 0.3449, 0.3412 by changing the saturation by 10% instead.


 78.1557, 0.3449,
0.3412

 78.1557, 0.3449,
0.3412


488.6954, 0.3301,
0.3358

 58.2019, 0.3483,
0.3424


130.7696, 0.3398,
0.3394

 41.9710, 0.3524,
0.3438


164.1985, 0.3378,
0.3387

 29.0786, 0.3576,
0.3455


202.8878, 0.3361,
0.3380

 19.1403, 0.3645,
0.3477

247.2220, 0.3346,
0.3375

 11.7717, 0.3737,
0.3505

297.5855, 0.3332,
0.3370

 6.5884, 0.3869,
0.3543

354.3626, 0.3321,

 3.2061, 0.4071,

0.3366

0.3595

417.9378, 0.3310,
0.3362

■ 1.2402, 0.4477,
0.3713

■ 0.0942, 0.7741,
0.2259

■ 78.1557, 0.3449,
0.3412

■ 78.1557, 0.3449,
0.3412

■ 67.5894, 0.3681,
0.3486

■ 90.0231, 0.3254,
0.3341

■ 58.2850, 0.3956,
0.3561

100.0000, 0.3127,
0.3290

■ 50.1924, 0.4276,
0.3630

■ 43.2602, 0.4637,
0.3687

■ 37.4334, 0.5024,
0.3720

■ 32.6519, 0.5410,
0.3717

■ 28.8496, 0.5755,
0.3670

■ 25.9501, 0.6020,
0.3582

■ 25.3837, 0.6073,
0.3560

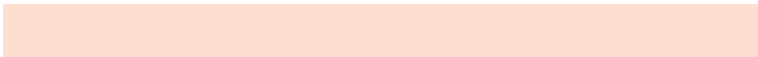
Harmonies

Analogous

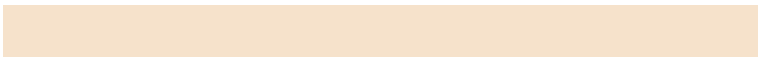
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.1557, 0.3388, 0.3273



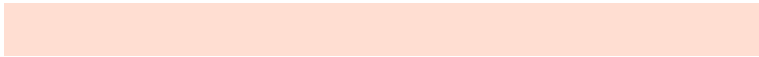
78.1557, 0.3449, 0.3412



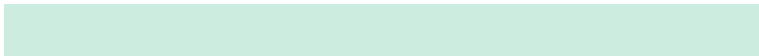
78.1557, 0.3421, 0.3524

Triad

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



78.1557, 0.3449, 0.3412



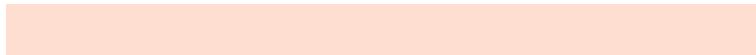
78.1557, 0.2996, 0.3446



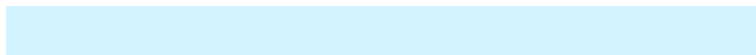
78.1557, 0.2939, 0.3015

Complementary

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



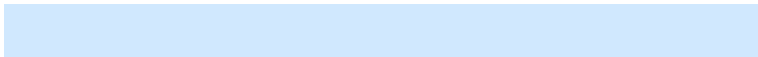
78.1557, 0.3449, 0.3412



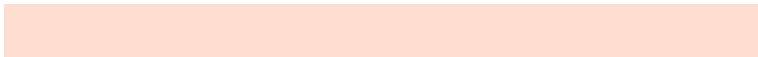
85.0362, 0.2854, 0.3165

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.



78.1557, 0.2840, 0.3052



78.1557, 0.3449, 0.3412



78.1557, 0.2872, 0.3300

Square

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



78.1557, 0.3449, 0.3412



78.1557, 0.3157, 0.3549



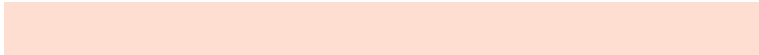
78.1557, 0.2816, 0.3155



78.1557, 0.3091, 0.3048

Rectangle

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



78.1557, 0.3449, 0.3412



78.1557, 0.3356, 0.3568



78.1557, 0.2816, 0.3155



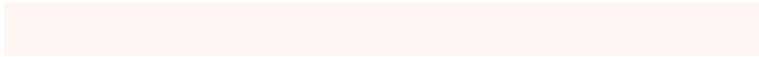
78.1557, 0.2899, 0.3019

Sweetspot

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



78.1536, 0.3449, 0.3412



93.3820, 0.3208, 0.3323



73.8767, 0.3225, 0.2957



19.7944, 0.3220, 0.3328



0.0000, 0.0000, 0.0000



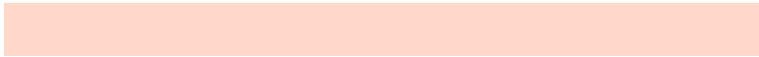
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1536, 0.3449, 0.3412



74.4624, 0.3522, 0.3437



90.4669, 0.3412, 0.3625



18.7738, 0.3288, 0.3354



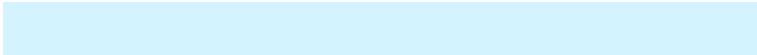
13.4708, 0.6045, 0.3582



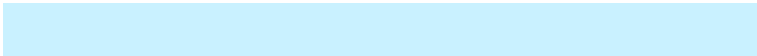
1.4818, 0.5826, 0.3756

Inverse Universe

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



85.0362, 0.2854, 0.3165



82.4557, 0.2803, 0.3138



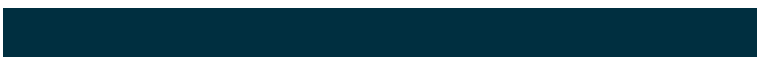
72.7741, 0.2842, 0.2931



19.6148, 0.2980, 0.3225



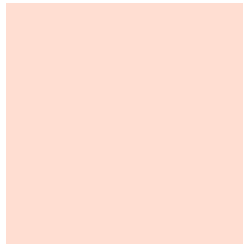
22.6210, 0.2000, 0.2399



2.3822, 0.2031, 0.2513

Previews

White Background



This preview shows how the Yxy color 78.1557, 0.3449, 0.3412 looks on a white background.

Color Contrast Check

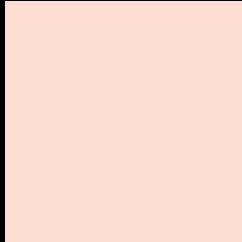
Large Text (above 18pt) WCAG AA × Fail

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 78.1557, 0.3449, 0.3412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

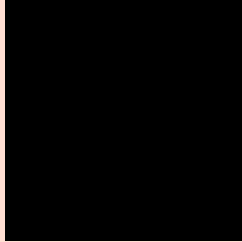
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

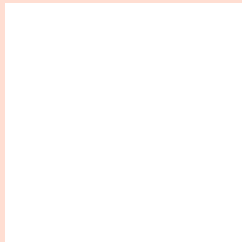
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1557, 0.3449, 0.3412

Background



This preview shows how black text looks on a background with the Yxy color 78.1557, 0.3449, 0.3412.

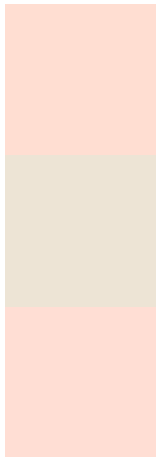


This preview shows how white text looks on a background with the Yxy color 78.1557, 0.3449, 0.3412.

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

78.1557, 0.3449, 0.3412

Protanopia

78.2954, 0.3288, 0.3448

Deuteranopia

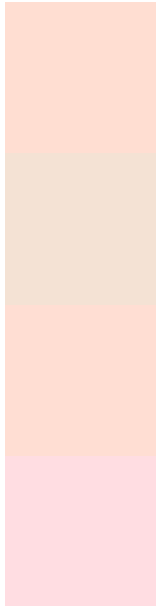
78.2560, 0.3435, 0.3392



Tritanopia

78.4446, 0.3277, 0.3142

Trichromacy



Original Color

78.1557, 0.3449, 0.3412

Protanomaly

78.3793, 0.3348, 0.3435

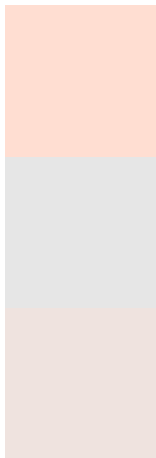
Deuteranomaly

78.2057, 0.3442, 0.3402

Tritanomaly

78.4639, 0.3338, 0.3241

Monochromacy



Original Color

78.1557, 0.3449, 0.3412

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.6166, 0.3237, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1557, 0.3449, 0.3412 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, 222, 210)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 210)  
}
```

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, 222, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 210) }
```

Border

The CSS property to change the border of an element to Yxy 78.1557, 0.3449, 0.3412 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, 222, 210) }
```

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

```
.border{ border-color:rgb(255, 222, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 222, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 210);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1557, 0.3449, 0.3412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 210) }
```

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

```
.background{ background-color: rgb(255,  
222, 210) }
```

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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