

Converting Colors

$Y_{xy}(78.7436, 0.3386, 0.3424)$

Have a look what the booklet for
Yxy(78.7436, 0.3386, 0.3424)
contains.

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Color

Yxy(78.7436, 0.3386, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	F9E1D4
RGB	249, 225, 212
RGB Percent	98%, 88%, 83%
CMY	0.0236, 0.1176, 0.1687
CMYK	0.00, 0.10, 0.15, 0.02
HSL	21°, 75%, 90%
HSV	21°, 15%, 98%
XYZ	77.8697, 78.7436, 73.3622
YIQ	230.6940, 18.4770, 1.0450

Conversions

Conversions Part 2

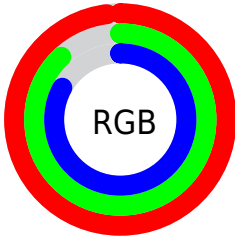
Format	Color
R_{YB}	249, 232, 212
Decimal	16376276
CIE _{Lab}	91.12, 6.14, 9.35
CIE _{LCh}	91, 11.188, 56.709
Yxy	78.7436, 0.3386, 0.3424
Android (android.graphics.Color)	4294566356 (0xFFFF9E1D4)
YUV	230.6940, -9.2161, 16.0544
Hunter-Lab	88.7376, 1.3479, 13.0994

Details

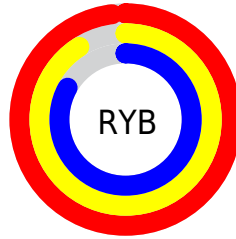
The Yxy color **78.7436, 0.3386, 0.3424** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.7927, 0.2896, 0.3152**, and the grayscale version is **79.7313, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3902, 0.3446, 0.3462** is the 20% darker color. If you saturate the color by 10%, you get **69.2736, 0.3599, 0.3520**, and if you desaturate by 10%, it is **89.2380, 0.3205, 0.3332**.

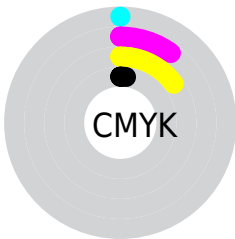
Distribution



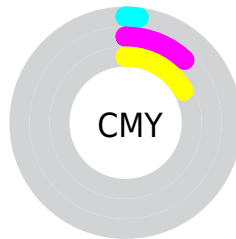
- Red (98%)
- Green (88%)
- Blue (83%)



- Red (98%)
- Yellow (91%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (15%)
- Black (2%)





- Cyan (2%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7436, 0.3386, 0.3424 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 78.7436, 0.3386, 0.3424 by changing the saturation by 10% instead.


 78.7436, 0.3386,
0.3424

 78.7436, 0.3386,
0.3424

490.6885, 0.3267,
0.3364

 58.6850, 0.3413,
0.3437

131.5978, 0.3345,
0.3404

 42.3596, 0.3446,
0.3453


165.1623, 0.3329,
0.3396

 29.3830, 0.3488,
0.3473


203.9975, 0.3315,
0.3389

 19.3707, 0.3542,
0.3499

248.4878, 0.3303,
0.3382

 11.9385, 0.3616,
0.3533

299.0177, 0.3293,
0.3377

 6.7018, 0.3720,
0.3579

355.9715, 0.3283,

 3.2763, 0.3881,

0.3372

0.3647

419.7337, 0.3275,
0.3368

■ 1.2776, 0.4189,
0.3780

■ 0.1238, 0.6837,
0.3163

■ 78.7436, 0.3386,
0.3424

■ 78.7436, 0.3386,
0.3424

■ 69.2736, 0.3599,
0.3520

■ 89.2380, 0.3205,
0.3332

■ 60.7858, 0.3846,
0.3618

■ 98.8778, 0.3090,
0.3290

■ 53.2507, 0.4131,
0.3713

■ 46.6328, 0.4450,
0.3796

■ 40.8947, 0.4793,
0.3856

■ 35.9956, 0.5142,
0.3880

■ 31.8911, 0.5468,
0.3857

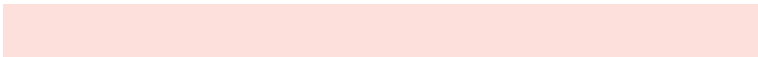
■ 28.5313, 0.5741,
0.3782

■ 27.0711, 0.5859,
0.3730

Harmonies

Analogous

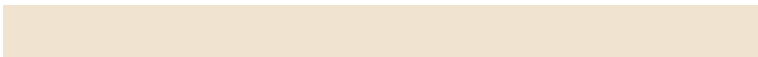
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.7436, 0.3361, 0.3316



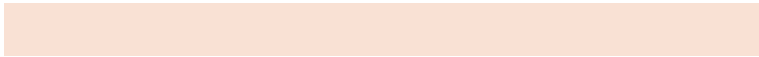
78.7436, 0.3386, 0.3424



78.7436, 0.3340, 0.3500

Triad

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



78.7436, 0.3386, 0.3424



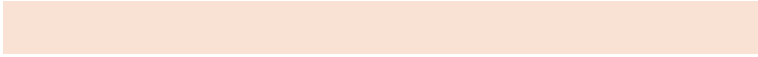
78.7436, 0.2983, 0.3378



78.7436, 0.3014, 0.3070

Complementary

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



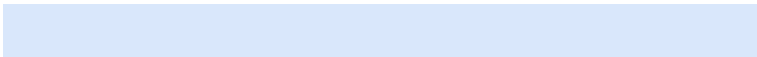
78.7436, 0.3386, 0.3424



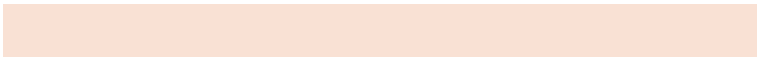
80.7927, 0.2896, 0.3152

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.



78.7436, 0.2917, 0.3082



78.7436, 0.3386, 0.3424



78.7436, 0.2899, 0.3257

Square

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



78.7436, 0.3386, 0.3424



78.7436, 0.3106, 0.3475



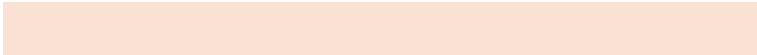
78.7436, 0.2875, 0.3149



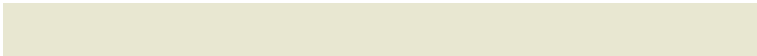
78.7436, 0.3144, 0.3115

Rectangle

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



78.7436, 0.3386, 0.3424



78.7436, 0.3276, 0.3520



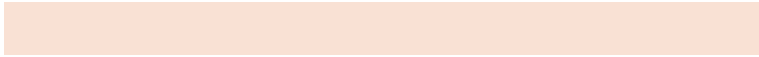
78.7436, 0.2875, 0.3149



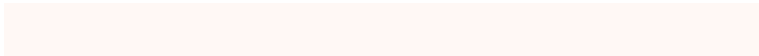
78.7436, 0.2977, 0.3067

Sweetspot

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



78.7471, 0.3386, 0.3424



95.2173, 0.3191, 0.3325



73.2685, 0.3233, 0.3047



20.1922, 0.3203, 0.3331



0.0000, 0.0000, 0.0000



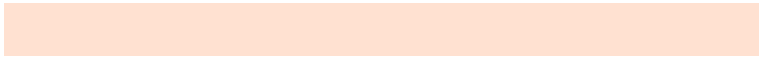
21.4041, 0.3127, 0.3290

Same Dimension

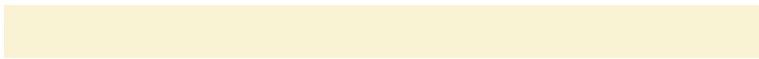
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.7471, 0.3386, 0.3424



79.8652, 0.3449, 0.3454



89.2527, 0.3359, 0.3606



18.2255, 0.3285, 0.3374



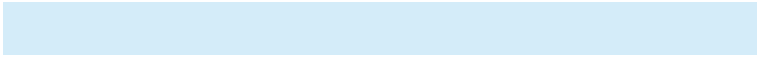
14.7331, 0.5830, 0.3753



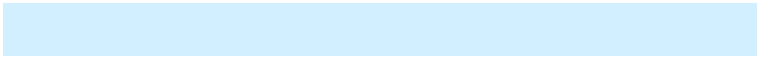
1.5556, 0.5602, 0.3934

Inverse Universe

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



80.7927, 0.2896, 0.3152



82.4232, 0.2846, 0.3120



70.7280, 0.2888, 0.2953



18.5192, 0.2980, 0.3204



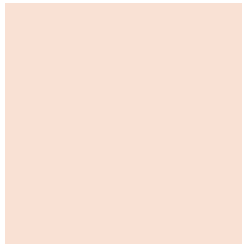
17.6346, 0.1915, 0.2092



1.8325, 0.1959, 0.2251

Previews

White Background



This preview shows how the Yxy color 78.7436, 0.3386, 0.3424 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 78.7436, 0.3386, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

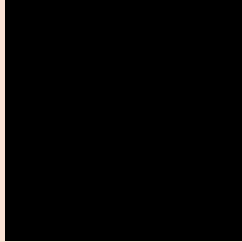
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

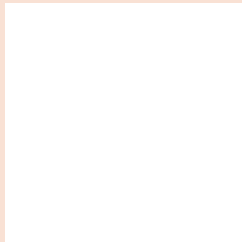
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7436, 0.3386, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 78.7436, 0.3386, 0.3424.

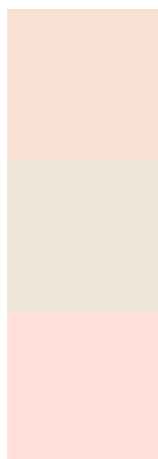


This preview shows how white text looks on a background with the Yxy color 78.7436, 0.3386, 0.3424.

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

78.7436, 0.3386, 0.3424

Protanopia

78.8982, 0.3281, 0.3447

Deuteranopia

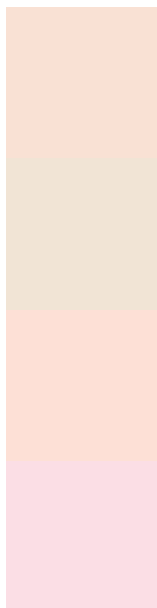
78.9416, 0.3412, 0.3371



Tritanopia

78.5814, 0.3234, 0.3121

Trichromacy



Original Color

78.7436, 0.3386, 0.3424

Protanomaly

78.9917, 0.3317, 0.3446

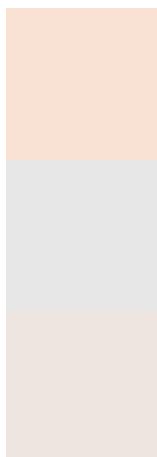
Deuteranomaly

79.0490, 0.3403, 0.3392

Tritanomaly

78.4089, 0.3287, 0.3220

Monochromacy



Original Color

78.7436, 0.3386, 0.3424

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5976, 0.3222, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7436, 0.3386, 0.3424 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(249, 225, 212)` looks like.

```
.text, #text, p{  
    color:rgb(249, 225, 212)  
}
```

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(249, 225, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 225, 212) }
```

Border

The CSS property to change the border of an element to Yxy 78.7436, 0.3386, 0.3424 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(249, 225, 212) }
```

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

```
.border{ border-color:rgb(249, 225, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 225, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 225, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 225, 212);  
box-shadow:4px 4px 4px 4px rgb(249, 225,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7436, 0.3386, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 225, 212) }
```

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

```
.background{ background-color: rgb(249,  
225, 212) }
```

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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