

Converting Colors

$Yxy(77.8509, 0.3416, 0.3473)$

Have a look what the booklet for
Yxy(77.8509, 0.3416, 0.3473)
contains.

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Color

Yxy(77.7728, 0.3415, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	F8E0CF
RGB	248, 224, 207
RGB Percent	97%, 88%, 81%
CMY	0.0274, 0.1215, 0.1883
CMYK	0.00, 0.10, 0.17, 0.03
HSL	25°, 75%, 89%
HSV	25°, 17%, 97%
XYZ	76.6284, 77.7728, 69.9865
YIQ	229.2380, 19.7610, -0.1990

Conversions

Conversions Part 2

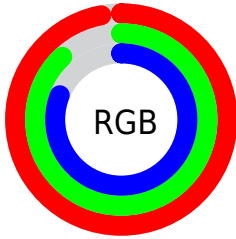
Format	Color
R_{YB}	248, 236, 207
Decimal	16310479
CIE _{Lab}	90.68, 5.55, 11.32
CIE _{LCh}	91, 12.607, 63.897
Yxy	77.7728, 0.3415, 0.3466
Android (android.graphics.Color)	4294500559 (0xFF8E0CF)
YUV	229.2380, -10.9633, 16.4543
Hunter-Lab	88.1889, 0.7703, 14.6798

Details

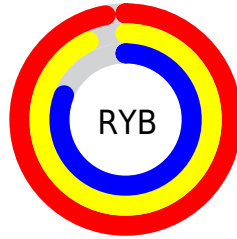
The Yxy color **77.7728, 0.3415, 0.3466** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.1767, 0.2868, 0.3107**, and the grayscale version is **78.6117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.7522, 0.3475, 0.3503** is the 20% darker color. If you saturate the color by 10%, you get **69.1893, 0.3626, 0.3579**, and if you desaturate by 10%, it is **87.2190, 0.3232, 0.3357**.

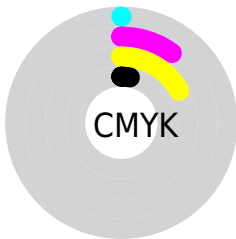
Distribution



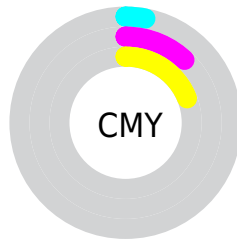
- Red (97%)
- Green (88%)
- Blue (81%)



- Red (97%)
- Yellow (93%)
- Blue (81%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (3%)



- Cyan (3%)
- Magenta (12%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.7728, 0.3415, 0.3466 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 77.7728, 0.3415, 0.3466 by changing the saturation by 10% instead.


 77.7728, 0.3415,
0.3466

 77.7728, 0.3415,
0.3466


487.3949, 0.3283,
0.3387

 57.8874, 0.3445,
0.3484

130.2298, 0.3369,
0.3439

 41.7181, 0.3482,
0.3505

163.5701, 0.3351,
0.3428

 28.8806, 0.3529,
0.3532


202.1642, 0.3336,
0.3419

 18.9905, 0.3589,
0.3566

246.3965, 0.3323,
0.3411

 11.6634, 0.3671,
0.3611

296.6513, 0.3311,
0.3404

 6.5149, 0.3788,
0.3674

353.3130, 0.3300,

 3.1606, 0.3968,

0.3398

0.3764

416.7661, 0.3291,
0.3392

■ 1.2162, 0.4375,
0.3997

■ 0.0749, 0.7340,
0.2660

■ 77.7728, 0.3415,
0.3466

■ 77.7728, 0.3415,
0.3466

■ 69.1893, 0.3626,
0.3579

■ 87.2190, 0.3232,
0.3357

■ 61.4326, 0.3869,
0.3694

■ 97.4399, 0.3085,
0.3271

■ 54.4796, 0.4143,
0.3803

■ 98.6977, 0.3084,
0.3290

■ 48.3017, 0.4443,
0.3899

■ 42.8688, 0.4760,
0.3968

■ 38.1480, 0.5075,
0.3998

■ 34.1031, 0.5366,
0.3978

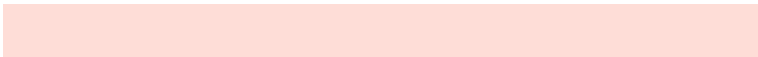
■ 30.6930, 0.5609,
0.3902

■ 29.6477, 0.5684,
0.3869

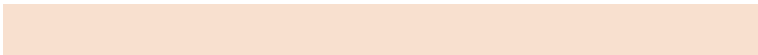
Harmonies

Analogous

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



77.7728, 0.3406, 0.3349



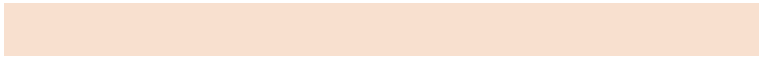
77.7728, 0.3415, 0.3466



77.7728, 0.3345, 0.3539

Triad

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



77.7728, 0.3415, 0.3466



77.7728, 0.2936, 0.3357



77.7728, 0.3033, 0.3049

Complementary

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



77.7728, 0.3415, 0.3466



77.1767, 0.2868, 0.3107

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.



77.7728, 0.2911, 0.3045



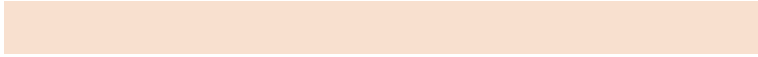
77.7728, 0.3415, 0.3466



77.7728, 0.2856, 0.3220

Square

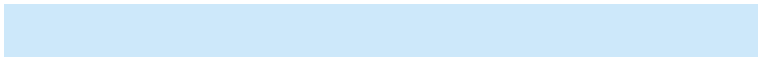
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.7728, 0.3415, 0.3466



77.7728, 0.3067, 0.3478



77.7728, 0.2847, 0.3107



77.7728, 0.3182, 0.3113

Rectangle

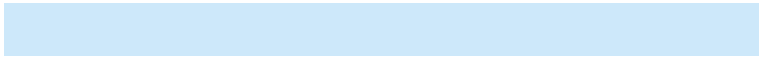
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.7728, 0.3415, 0.3466



77.7728, 0.3264, 0.3551



77.7728, 0.2847, 0.3107



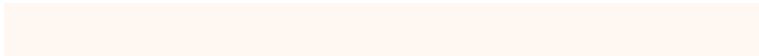
77.7728, 0.2987, 0.3040

Sweetspot

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



77.7763, 0.3415, 0.3466



94.5397, 0.3207, 0.3341



70.3738, 0.3262, 0.3039



20.0752, 0.3218, 0.3349



0.0000, 0.0000, 0.0000



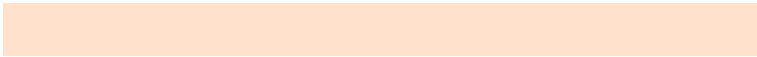
21.4041, 0.3127, 0.3290

Same Dimension

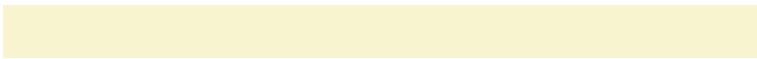
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.7763, 0.3415, 0.3466



79.5621, 0.3485, 0.3505



89.1047, 0.3383, 0.3663



18.4089, 0.3284, 0.3389



16.2762, 0.5656, 0.3891



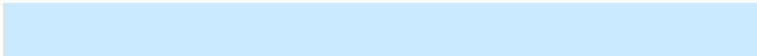
1.7111, 0.5442, 0.4061

Inverse Universe

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



77.1767, 0.2868, 0.3107



78.8062, 0.2813, 0.3065



66.6662, 0.2858, 0.2888



18.3301, 0.2980, 0.3189



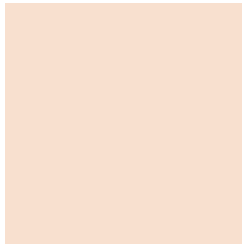
14.8932, 0.1852, 0.1868



1.5885, 0.1904, 0.2054

Previews

White Background



This preview shows how the Yxy color 77.7728, 0.3415, 0.3466 looks on a white background.

Color Contrast Check

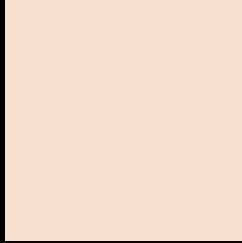
Large Text (above 18pt) WCAG AA × Fail

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 77.7728, 0.3415, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

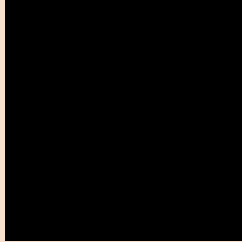
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.7728, 0.3415, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 77.7728, 0.3415, 0.3466.

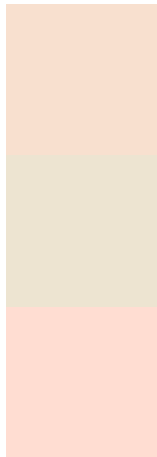


This preview shows how white text looks on a background with the Yxy color 77.7728, 0.3415, 0.3466.

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

77.7728, 0.3415, 0.3466

Protanopia

78.0948, 0.3315, 0.3490

Deuteranopia

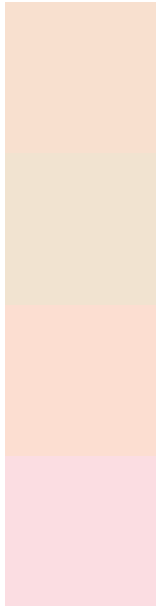
77.6260, 0.3451, 0.3402



Tritanopia

77.9963, 0.3242, 0.3121

Trichromacy



Original Color

77.7728, 0.3415, 0.3466

Protanomaly

78.1930, 0.3352, 0.3489

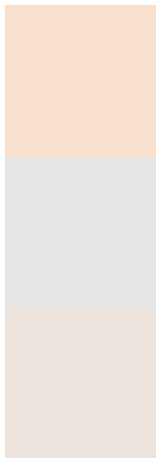
Deuteranomaly

77.5414, 0.3434, 0.3423

Tritanomaly

77.7131, 0.3309, 0.3240

Monochromacy



Original Color

77.7728, 0.3415, 0.3466

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

77.9915, 0.3229, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.7728, 0.3415, 0.3466 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(248, 224, 207)` looks like.

```
.text, #text, p{  
    color:rgb(248, 224, 207)  
}
```

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(248, 224, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 224, 207) }
```

Border

The CSS property to change the border of an element to Yxy 77.7728, 0.3415, 0.3466 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(248, 224, 207) }
```

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

```
.border{ border-color:rgb(248, 224, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 224, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 224, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 224, 207);  
box-shadow:4px 4px 4px 4px rgb(248, 224,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 77.7728, 0.3415, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 224, 207) }
```

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

```
.background{ background-color: rgb(248,  
224, 207) }
```

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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