

Converting Colors

$Y_{xy}(77.6225, 0.3412, 0.3509)$

Have a look what the booklet for
Yxy(77.6225, 0.3412, 0.3509)
contains.

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Color

Yxy(77.6225, 0.3412, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	F5E1CC
RGB	245, 225, 204
RGB Percent	96%, 88%, 80%
CMY	0.0392, 0.1176, 0.2001
CMYK	0.00, 0.08, 0.17, 0.04
HSL	31°, 67%, 88%
HSV	31°, 17%, 96%
XYZ	75.4768, 77.6225, 68.1105
YIQ	228.5860, 18.6610, -2.2910

Conversions

Conversions Part 2

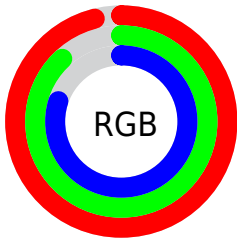
Format	Color
R _Y B	243, 245, 204
Decimal	16114124
CIE Lab	90.61, 3.50, 12.76
CIE LCh	91, 13.231, 74.659
Yxy	77.6225, 0.3412, 0.3509
Android (android.graphics.Color)	4294304204 (0xFFFF5E1CC)
YUV	228.5860, -12.1209, 14.3951
Hunter-Lab	88.1036, -1.2637, 15.8371

Details

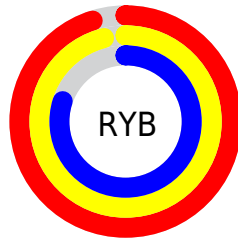
The Yxy color **77.6225, 0.3412, 0.3509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.7140, 0.2863, 0.3061**, and the grayscale version is **78.1155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6428, 0.3471, 0.3559** is the 20% darker color. If you saturate the color by 10%, you get **70.3115, 0.3613, 0.3648**, and if you desaturate by 10%, it is **85.5765, 0.3234, 0.3376**.

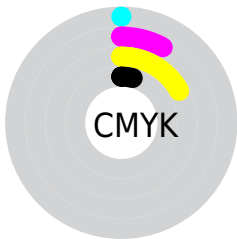
Distribution



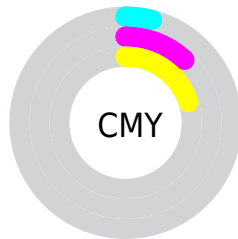
- Red (96%)
- Green (88%)
- Blue (80%)



- Red (95%)
- Yellow (96%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (4%)





- Cyan (4%)
- Magenta (12%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.6225, 0.3412, 0.3509 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 77.6225, 0.3412, 0.3509 by changing the saturation by 10% instead.


 77.6225, 0.3412,
0.3509

 77.6225, 0.3412,
0.3509


486.8838, 0.3281,
0.3410

 57.7639, 0.3442,
0.3531


130.0178, 0.3367,
0.3475

 41.6189, 0.3478,
0.3558


163.3234, 0.3349,
0.3462

 28.8030, 0.3524,
0.3592


201.8800, 0.3334,
0.3450

 18.9318, 0.3584,
0.3636

246.0722, 0.3321,
0.3440

 11.6210, 0.3664,
0.3694

296.2843, 0.3309,
0.3431

 6.4862, 0.3779,
0.3775

352.9006, 0.3299,

 3.1429, 0.3953,

0.3423

0.3894

416.3057, 0.3290,
0.3416

■ 1.2068, 0.4407,
0.4236

■ 0.0672, 0.6896,
0.3104

■ 77.6225, 0.3412,
0.3509

■ 77.6225, 0.3412,
0.3509

■ 70.3115, 0.3613,
0.3648

■ 85.5765, 0.3234,
0.3376

■ 63.6153, 0.3839,
0.3787

■ 94.1801, 0.3079,
0.3250

■ 57.5186, 0.4087,
0.3921

■ 98.1523, 0.3066,
0.3290

■ 52.0016, 0.4352,
0.4039

■ 47.0428, 0.4625,
0.4130

■ 42.6190, 0.4890,
0.4181

■ 38.7042, 0.5132,
0.4180

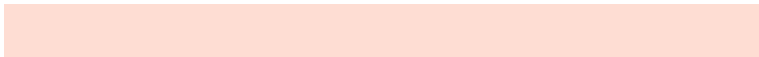
■ 35.2681, 0.5334,
0.4124

■ 34.2419, 0.5395,
0.4099

Harmonies

Analogous

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



77.6225, 0.3433, 0.3399



77.6225, 0.3412, 0.3509



77.6225, 0.3313, 0.3563

Triad

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



77.6225, 0.3412, 0.3509



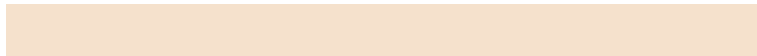
77.6225, 0.2889, 0.3308



77.6225, 0.3083, 0.3054

Complementary

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



77.6225, 0.3412, 0.3509



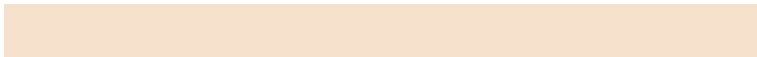
72.7140, 0.2863, 0.3061

Split Complementary

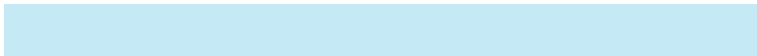
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.6225, 0.2940, 0.3027



77.6225, 0.3412, 0.3509



77.6225, 0.2830, 0.3169

Square

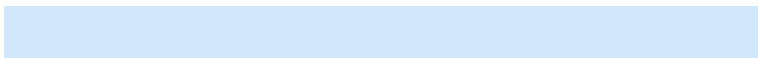
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.6225, 0.3412, 0.3509



77.6225, 0.3011, 0.3447



77.6225, 0.2849, 0.3067



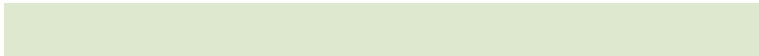
77.6225, 0.3241, 0.3141

Rectangle

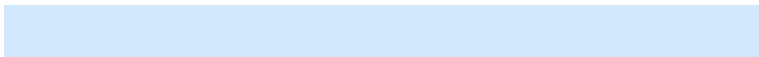
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.6225, 0.3412, 0.3509



77.6225, 0.3218, 0.3557



77.6225, 0.2849, 0.3067



77.6225, 0.3032, 0.3038

Sweetspot

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



77.6260, 0.3412, 0.3509



95.3065, 0.3206, 0.3353



67.9911, 0.3294, 0.3078



20.2614, 0.3217, 0.3362



0.0000, 0.0000, 0.0000



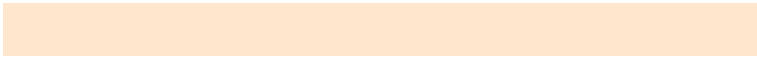
21.4041, 0.3127, 0.3290

Same Dimension

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



77.6260, 0.3412, 0.3509



82.2988, 0.3476, 0.3554



89.0744, 0.3379, 0.3707



17.8879, 0.3281, 0.3412



18.7256, 0.5370, 0.4118



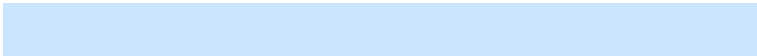
1.8516, 0.5183, 0.4267

Inverse Universe

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



72.7140, 0.2863, 0.3061



76.0110, 0.2809, 0.3011



62.5962, 0.2853, 0.2836



17.2595, 0.2980, 0.3165



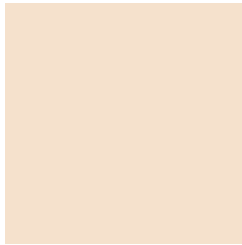
10.9807, 0.1760, 0.1534



1.1701, 0.1824, 0.1764

Previews

White Background



This preview shows how the Yxy color 77.6225, 0.3412, 0.3509 looks on a white background.

Color Contrast Check

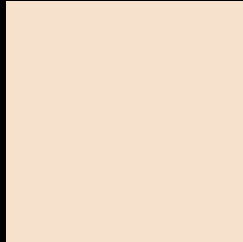
Large Text (above 18pt) WCAG AA × Fail

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 77.6225, 0.3412, 0.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

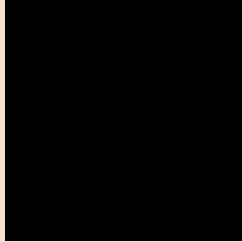
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 77.6225, 0.3412, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 77.6225, 0.3412, 0.3509.

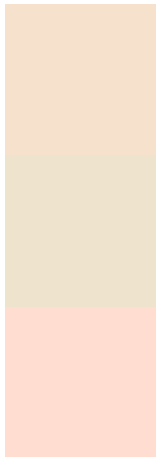


This preview shows how white text looks on a background with the Yxy color 77.6225, 0.3412, 0.3509.

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

77.6225, 0.3412, 0.3509

Protanopia

77.5231, 0.3351, 0.3522

Deuteranopia

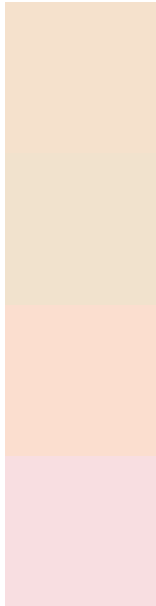
77.5270, 0.3465, 0.3423



Tritanopia

77.4406, 0.3221, 0.3120

Trichromacy



Original Color

77.6225, 0.3412, 0.3509

Protanomaly

77.5013, 0.3374, 0.3510

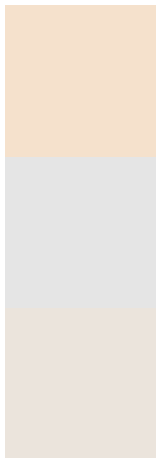
Deuteranomaly

77.2568, 0.3440, 0.3444

Tritanomaly

77.6353, 0.3293, 0.3260

Monochromacy



Original Color

77.6225, 0.3412, 0.3509

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.3163, 0.3228, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.6225, 0.3412, 0.3509 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(245, 225, 204)` looks like.

```
.text, #text, p{  
    color:rgb(245, 225, 204)  
}
```

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(245, 225, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 225, 204) }
```

Border

The CSS property to change the border of an element to Yxy 77.6225, 0.3412, 0.3509 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(245, 225, 204) }
```

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

```
.border{ border-color:rgb(245, 225, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 225, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 225, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 225, 204);  
box-shadow:4px 4px 4px 4px rgb(245, 225,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 77.6225, 0.3412, 0.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 225, 204) }
```

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

```
.background{ background-color: rgb(245,  
225, 204) }
```

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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