

Converting Colors

$Yxy(78.7011, 0.3414, 0.3453)$

Have a look what the booklet for
Yxy(78.7011, 0.3414, 0.3453)
contains.

Yxy(78.7779, 0.3414, 0.3454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.7779, 0.3414, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1D1
RGB	250, 225, 209
RGB Percent	98%, 88%, 82%
CMY	0.0195, 0.1177, 0.1803
CMYK	0.00, 0.10, 0.16, 0.02
HSL	23°, 80%, 90%
HSV	23°, 16%, 98%
XYZ	77.8656, 78.7779, 71.4338
YIQ	230.6510, 20.0360, 0.3240

Conversions

Conversions Part 2

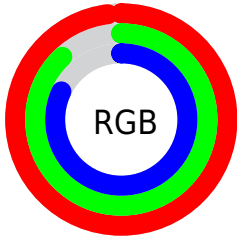
Format	Color
R _Y B	250, 235, 209
Decimal	16441809
CIE Lab	91.13, 6.07, 10.93
CIE LCh	91, 12.499, 60.968
Yxy	78.7779, 0.3414, 0.3454
Android (android.graphics.Color)	4294631889 (0xFFFAE1D1)
YUV	230.6510, -10.6739, 16.9691
Hunter-Lab	88.7569, 1.2717, 14.4117

Details

The Yxy color **78.7779, 0.3414, 0.3454** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3317, 0.2871, 0.3120**, and the grayscale version is **79.7125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4535, 0.3474, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **69.7535, 0.3628, 0.3561**, and if you desaturate by 10%, it is **88.7410, 0.3230, 0.3352**.

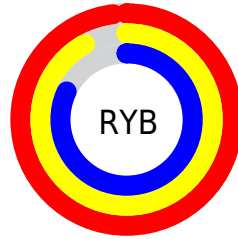
Distribution



Red (98%)

Green (88%)

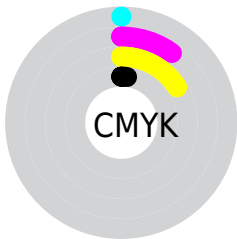
Blue (82%)



Red (98%)

Yellow (92%)

Blue (82%)

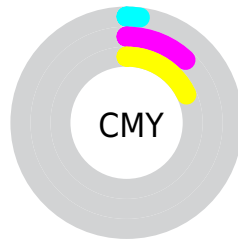


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (12%)

Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.7779, 0.3414, 0.3454 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 78.7779, 0.3414, 0.3454 by changing the saturation by 10% instead.


 78.7779, 0.3414,
0.3454

 78.7779, 0.3414,
0.3454

490.8047, 0.3282,
0.3381

 58.7132, 0.3444,
0.3470


131.6461, 0.3369,
0.3429

 42.3823, 0.3480,
0.3490


165.2185, 0.3351,
0.3419

 29.4008, 0.3527,
0.3515


204.0622, 0.3336,
0.3411

 19.3842, 0.3587,
0.3546

248.5616, 0.3322,
0.3403

 11.9482, 0.3668,
0.3587

299.1012, 0.3310,
0.3396

 6.7084, 0.3783,
0.3644

356.0653, 0.3300,

 3.2804, 0.3960,

0.3391

0.3726

419.8383, 0.3291,
0.3385

■ 1.2798, 0.4325,
0.3910

■ 0.1255, 0.6805,
0.3195

■ 78.7779, 0.3414,
0.3454

■ 78.7779, 0.3414,
0.3454

■ 69.7535, 0.3628,
0.3561

■ 88.7410, 0.3230,
0.3352

■ 61.6291, 0.3875,
0.3669

■ 99.0682, 0.3096,
0.3290

■ 54.3783, 0.4155,
0.3772

■ 47.9695, 0.4464,
0.3861

■ 42.3691, 0.4793,
0.3925

■ 37.5407, 0.5122,
0.3950

■ 33.4440, 0.5425,
0.3925

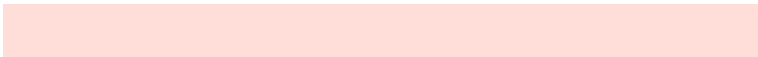
■ 30.0335, 0.5677,
0.3847

■ 28.9577, 0.5757,
0.3811

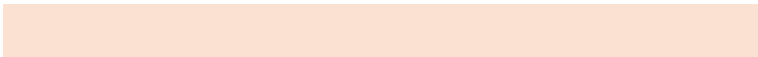
Harmonies

Analogous

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



78.7779, 0.3397, 0.3336



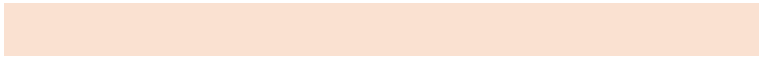
78.7779, 0.3414, 0.3454



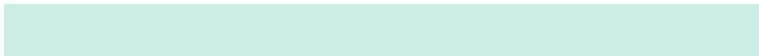
78.7779, 0.3352, 0.3532

Triad

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



78.7779, 0.3414, 0.3454



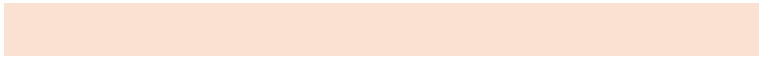
78.7779, 0.2949, 0.3369



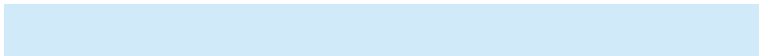
78.7779, 0.3020, 0.3048

Complementary

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



78.7779, 0.3414, 0.3454



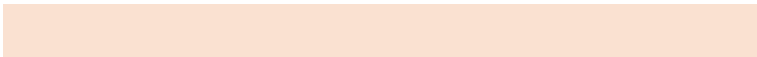
79.3317, 0.2871, 0.3120

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.



78.7779, 0.2904, 0.3052



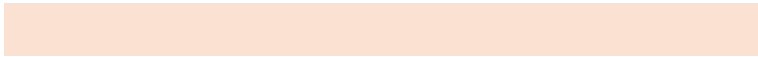
78.7779, 0.3414, 0.3454



78.7779, 0.2865, 0.3234

Square

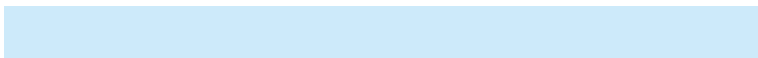
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.7779, 0.3414, 0.3454



78.7779, 0.3083, 0.3485



78.7779, 0.2848, 0.3118



78.7779, 0.3167, 0.3106

Rectangle

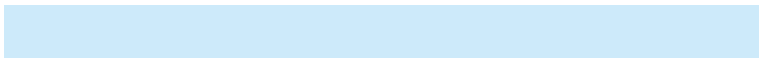
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.7779, 0.3414, 0.3454



78.7779, 0.3275, 0.3548



78.7779, 0.2848, 0.3118



78.7779, 0.2977, 0.3042

Sweetspot

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



78.7814, 0.3414, 0.3454



94.3412, 0.3207, 0.3338



71.8959, 0.3256, 0.3035



20.0270, 0.3219, 0.3345



0.0000, 0.0000, 0.0000



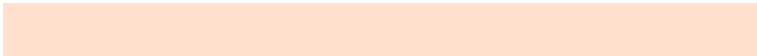
21.4041, 0.3127, 0.3290

Same Dimension

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



78.7814, 0.3414, 0.3454



78.8635, 0.3488, 0.3492



90.3818, 0.3382, 0.3653



18.3345, 0.3284, 0.3383



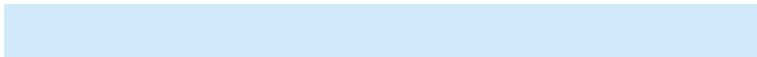
15.6163, 0.5728, 0.3834



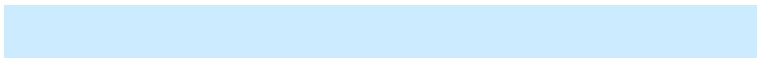
1.6455, 0.5507, 0.4009

Inverse Universe

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



79.3317, 0.2871, 0.3120



79.5459, 0.2814, 0.3079



68.4543, 0.2861, 0.2899



18.4064, 0.2980, 0.3195



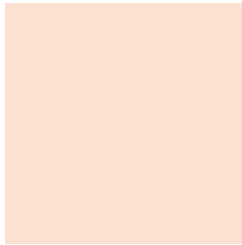
15.9601, 0.1877, 0.1958



1.6841, 0.1926, 0.2134

Previews

White Background



This preview shows how the Yxy color 78.7779, 0.3414, 0.3454 looks on a white background.

Color Contrast Check

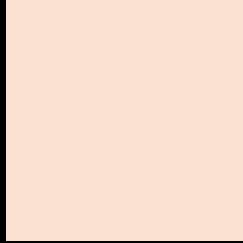
Large Text (above 18pt) WCAG AA × Fail

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 78.7779, 0.3414, 0.3454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

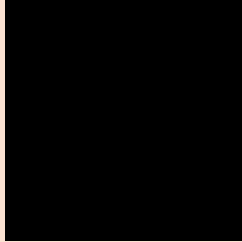
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.7779, 0.3414, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 78.7779, 0.3414, 0.3454.

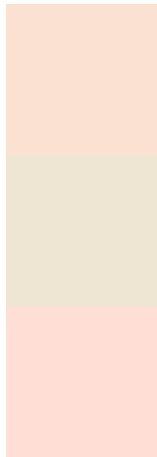


This preview shows how white text looks on a background with the Yxy color 78.7779, 0.3414, 0.3454.

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

78.7779, 0.3414, 0.3454

Protanopia

78.9189, 0.3308, 0.3479

Deuteranopia

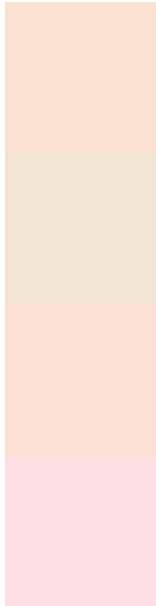
78.8394, 0.3426, 0.3392



Tritanopia

78.9568, 0.3249, 0.3122

Trichromacy



Original Color

78.7779, 0.3414, 0.3454

Protanomaly

79.0172, 0.3344, 0.3477

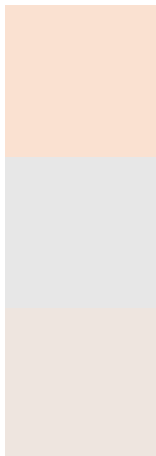
Deuteranomaly

78.9474, 0.3417, 0.3412

Tritanomaly

78.6713, 0.3316, 0.3240

Monochromacy



Original Color

78.7779, 0.3414, 0.3454

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

79.5435, 0.3228, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7779, 0.3414, 0.3454 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(250, 225, 209)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 209)  
}
```

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(250, 225, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 209) }
```

Border

The CSS property to change the border of an element to Yxy 78.7779, 0.3414, 0.3454 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(250, 225, 209) }
```

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

```
.border{ border-color:rgb(250, 225, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 225, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 209);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7779, 0.3414, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 225, 209) }
```

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

```
.background{ background-color: rgb(250,  
225, 209) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor