

Converting Colors

$Yxy(78.5810, 0.3407, 0.3441)$

Have a look what the booklet for
Yxy(78.5810, 0.3407, 0.3441)
contains.

Yxy(78.8276, 0.3407, 0.3444)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(78.8276, 0.3407, 0.3444)

Conversions

Conversions Part 1

Format	Color
Hex	FAE1D2
RGB	250, 225, 210
RGB Percent	98%, 88%, 82%
CMY	0.0196, 0.1176, 0.1765
CMYK	0.00, 0.10, 0.16, 0.02
HSL	23°, 80%, 90%
HSV	23°, 16%, 98%
XYZ	77.9807, 78.8276, 72.0755
YIQ	230.7650, 19.7150, 0.6350

Conversions

Conversions Part 2

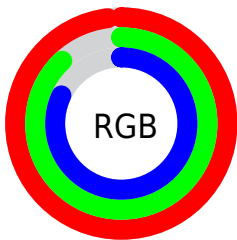
Format	Color
R _Y B	250, 234, 210
Decimal	16441810
CIE Lab	91.16, 6.20, 10.45
CIE LCh	91, 12.149, 59.319
Yxy	78.8276, 0.3407, 0.3444
Android (android.graphics.Color)	4294631890 (0xFFFAE1D2)
YUV	230.7650, -10.2371, 16.8691
Hunter-Lab	88.7849, 1.4049, 14.0179

Details

The Yxy color **78.8276, 0.3407, 0.3444** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0116, 0.2878, 0.3131**, and the grayscale version is **79.7955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4872, 0.3465, 0.3475** is the 20% darker color. If you saturate the color by 10%, you get **69.6187, 0.3621, 0.3547**, and if you desaturate by 10%, it is **89.0106, 0.3224, 0.3346**.

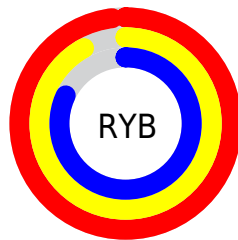
Distribution



Red (98%)

Green (88%)

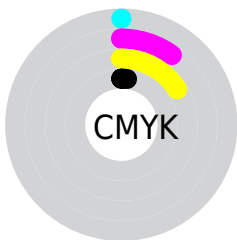
Blue (82%)



Red (98%)

Yellow (92%)

Blue (82%)

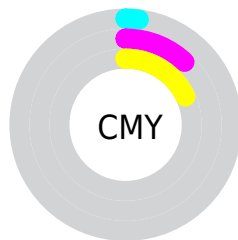


Cyan (0%)

Magenta (10%)

Yellow (16%)

Black (2%)



Cyan (2%)


Magenta (12%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8276, 0.3407, 0.3444 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 78.8276, 0.3407, 0.3444 by changing the saturation by 10% instead.


 78.8276, 0.3407,
0.3444

 78.8276, 0.3407,
0.3444


490.9729, 0.3279,
0.3375

 58.7541, 0.3436,
0.3459

131.7161, 0.3363,
0.3421

 42.4152, 0.3472,
0.3478


165.2999, 0.3345,
0.3411

 29.4265, 0.3517,
0.3501


204.1559, 0.3330,
0.3403

 19.4037, 0.3576,
0.3530

248.6685, 0.3317,
0.3396

 11.9624, 0.3655,
0.3569

299.2221, 0.3306,
0.3390

 6.7181, 0.3767,
0.3622

356.2012, 0.3296,

 3.2864, 0.3940,

0.3384

0.3699

419.9899, 0.3287,
0.3380

1.2830, 0.4287,
0.3863

0.1280, 0.6808,
0.3192

78.8276, 0.3407,
0.3444

78.8276, 0.3407,
0.3444

69.6187, 0.3621,
0.3547

89.0106, 0.3224,
0.3346

61.3436, 0.3869,
0.3651

99.0632, 0.3096,
0.3290

53.9749, 0.4152,
0.3751

47.4792, 0.4465,
0.3837

■ 41.8214, 0.4800,
0.3899

■ 36.9631, 0.5137,
0.3923

■ 32.8625, 0.5448,
0.3898

■ 29.4721, 0.5707,
0.3819

■ 28.2962, 0.5797,
0.3779

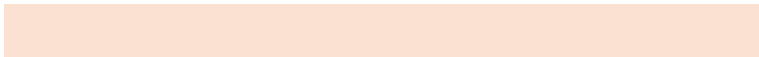
Harmonies

Analogous

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



78.8276, 0.3386, 0.3328



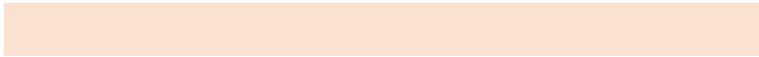
78.8276, 0.3407, 0.3444



78.8276, 0.3351, 0.3522

Triad

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



78.8276, 0.3407, 0.3444



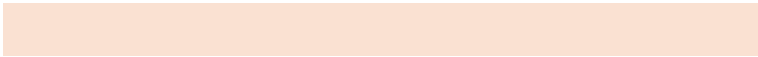
78.8276, 0.2961, 0.3374



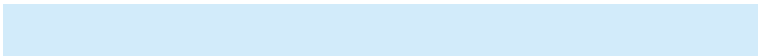
78.8276, 0.3016, 0.3054

Complementary

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



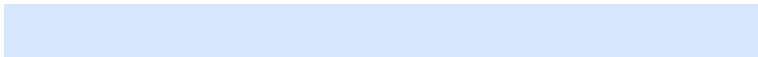
78.8276, 0.3407, 0.3444



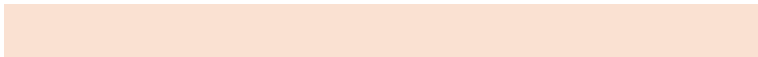
80.0116, 0.2878, 0.3131

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.



78.8276, 0.2906, 0.3060



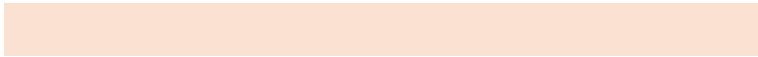
78.8276, 0.3407, 0.3444



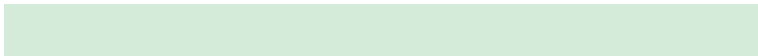
78.8276, 0.2875, 0.3243

Square

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



78.8276, 0.3407, 0.3444



78.8276, 0.3092, 0.3484



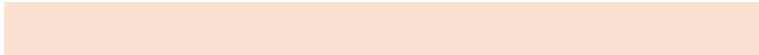
78.8276, 0.2855, 0.3128



78.8276, 0.3158, 0.3107

Rectangle

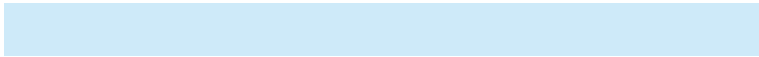
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8276, 0.3407, 0.3444



78.8276, 0.3278, 0.3541



78.8276, 0.2855, 0.3128



78.8276, 0.2974, 0.3049

Sweetspot

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



78.8311, 0.3407, 0.3444



94.2286, 0.3207, 0.3336



72.4326, 0.3247, 0.3035



19.9997, 0.3219, 0.3343



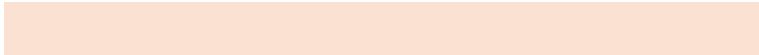
0.0000, 0.0000, 0.0000



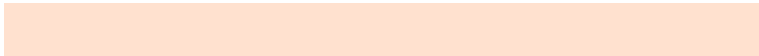
21.4041, 0.3127, 0.3290

Same Dimension

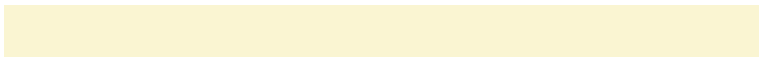
The Same Dimension uses a secret algorithm to generate beautiful new colors.



78.8311, 0.3407, 0.3444



79.4487, 0.3468, 0.3475



90.0772, 0.3376, 0.3638



18.2924, 0.3285, 0.3380



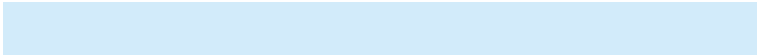
15.2634, 0.5768, 0.3802



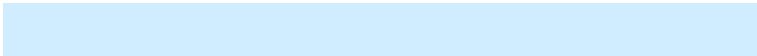
1.6099, 0.5544, 0.3980

Inverse Universe

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



80.0116, 0.2878, 0.3131



80.8836, 0.2830, 0.3098



69.3728, 0.2868, 0.2917



18.4498, 0.2980, 0.3199



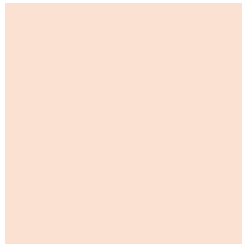
16.5910, 0.1892, 0.2010



1.7403, 0.1939, 0.2179

Previews

White Background



This preview shows how the Yxy color 78.8276, 0.3407, 0.3444 looks on a white background.

Color Contrast Check

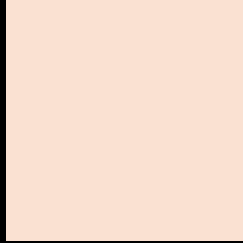
Large Text (above 18pt) WCAG AA × Fail

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 78.8276, 0.3407, 0.3444 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

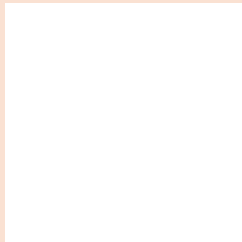
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8276, 0.3407, 0.3444

Background



This preview shows how black text looks on a background with the Yxy color 78.8276, 0.3407, 0.3444.

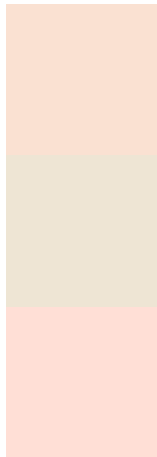


This preview shows how white text looks on a background with the Yxy color 78.8276, 0.3407, 0.3444.

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

78.8276, 0.3407, 0.3444

Protanopia

78.9692, 0.3301, 0.3468

Deuteranopia

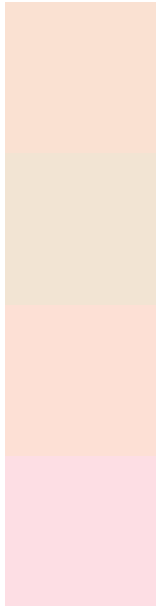
78.8904, 0.3419, 0.3382



Tritanopia

78.9568, 0.3249, 0.3122

Trichromacy



Original Color

78.8276, 0.3407, 0.3444

Protanomaly

79.0672, 0.3338, 0.3467

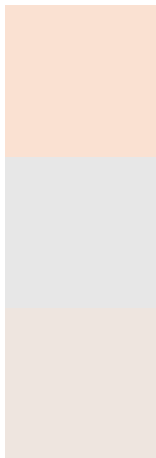
Deuteranomaly

78.9981, 0.3410, 0.3402

Tritanomaly

78.7266, 0.3309, 0.3230

Monochromacy



Original Color

78.8276, 0.3407, 0.3444

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 78.8276, 0.3407, 0.3444 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(250, 225, 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(250, 225, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 225, 210) }
```

Border

The CSS property to change the border of an element to Yxy 78.8276, 0.3407, 0.3444 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, 210) }
```

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

```
.border{ border-color:rgb(250, 225, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 225, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 225, 210);  
box-shadow:4px 4px 4px 4px rgb(250, 225,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8276, 0.3407, 0.3444 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, 210) }
```

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

```
.background{ background-color: rgb(250,  
225, 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](#).

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