

Converting Colors

Yxy(77.8936, 0.3417, 0.3540)

Have a look what the booklet for
Yxy(77.8936, 0.3417, 0.3540)
contains.

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Color

Yxy(77.8901, 0.3417, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2CA
RGB	244, 226, 202
RGB Percent	96%, 89%, 79%
CMY	0.0429, 0.1138, 0.2078
CMYK	0.00, 0.07, 0.17, 0.04
HSL	34°, 66%, 87%
HSV	34°, 17%, 96%
XYZ	75.1837, 77.8901, 66.9547
YIQ	228.6460, 18.4320, -3.6480

Conversions

Conversions Part 2

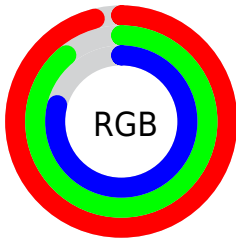
Format	Color
RYB	234, 244, 202
Decimal	16048842
CIELab	90.73, 2.37, 13.94
CIElCh	91, 14.144, 80.341
Yxy	77.8901, 0.3417, 0.3540
Android (android.graphics.Color)	4294238922 (0xFFFF4E2CA)
YUV	228.6460, -13.1365, 13.4655
Hunter-Lab	88.2554, -2.3848, 16.7986

Details

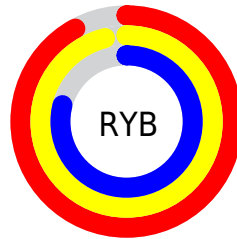
The Yxy color **77.8901, 0.3417, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3316, 0.2854, 0.3027**, and the grayscale version is **78.1773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.9553, 0.3487, 0.3599** is the 20% darker color. If you saturate the color by 10%, you get **71.2932, 0.3613, 0.3693**, and if you desaturate by 10%, it is **85.0263, 0.3241, 0.3392**.

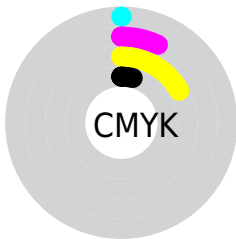
Distribution



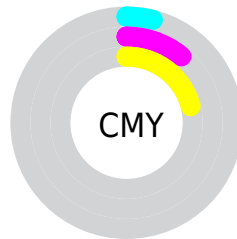
- Red (96%)
- Green (89%)
- Blue (79%)



- Red (92%)
- Yellow (96%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (4%)



- Cyan (4%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.8901, 0.3417, 0.3540 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 77.8901, 0.3417, 0.3540 by changing the saturation by 10% instead.

77.8901, 0.3417,
0.3540

77.8901, 0.3417,
0.3540

487.7935, 0.3284,
0.3426

57.9837, 0.3447,
0.3565

130.3952, 0.3371,
0.3501

41.7955, 0.3484,
0.3597

163.7627, 0.3353,
0.3486

28.9412, 0.3530,
0.3636

202.3860, 0.3338,
0.3473

19.0364, 0.3591,
0.3686

246.6495, 0.3324,
0.3461

11.6966, 0.3672,
0.3753

296.9376, 0.3312,
0.3451

6.5374, 0.3786,
0.3846

353.6347, 0.3302,

3.1745, 0.3959,

0.3442

0.3984

417.1252, 0.3293,
0.3434

■ 1.2235, 0.4450,
0.4404

■ 0.0808, 0.6251,
0.3749

■ 77.8901, 0.3417,
0.3540

■ 77.8901, 0.3417,
0.3540

■ 71.2932, 0.3613,
0.3693

■ 85.0263, 0.3241,
0.3392

■ 65.2103, 0.3830,
0.3847

■ 92.7053, 0.3086,
0.3252

■ 59.6293, 0.4064,
0.3993

■ 97.9854, 0.3060,
0.3290

■ 54.5336, 0.4309,
0.4124

■ 49.9050, 0.4557,
0.4225

■ 45.7240, 0.4793,
0.4286

■ 41.9684, 0.5005,
0.4296

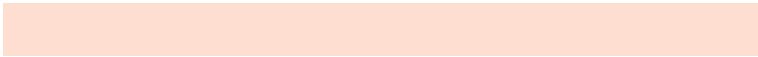
■ 38.6112, 0.5180,
0.4251

■ 37.7429, 0.5225,
0.4233

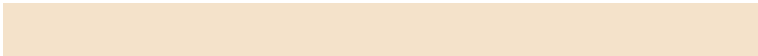
Harmonies

Analogous

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



77.8901, 0.3457, 0.3431



77.8901, 0.3417, 0.3540



77.8901, 0.3298, 0.3584

Triad

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



77.8901, 0.3417, 0.3540



77.8901, 0.2855, 0.3280



77.8901, 0.3112, 0.3052

Complementary

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



77.8901, 0.3417, 0.3540



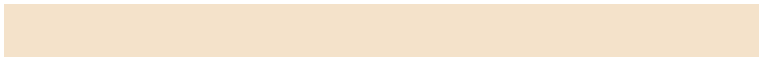
70.3316, 0.2854, 0.3027

Split Complementary

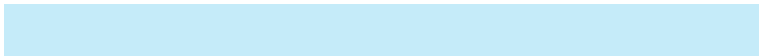
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8901, 0.2953, 0.3009



77.8901, 0.3417, 0.3540



77.8901, 0.2808, 0.3135

Square

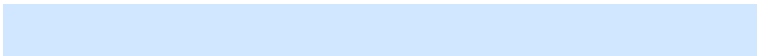
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8901, 0.3417, 0.3540



77.8901, 0.2974, 0.3432



77.8901, 0.2843, 0.3038



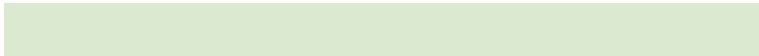
77.8901, 0.3278, 0.3154

Rectangle

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



77.8901, 0.3417, 0.3540



77.8901, 0.3192, 0.3567



77.8901, 0.2843, 0.3038



77.8901, 0.3056, 0.3030

Sweetspot

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



77.8936, 0.3417, 0.3540



95.7573, 0.3205, 0.3360



66.6716, 0.3320, 0.3100



20.3710, 0.3217, 0.3370



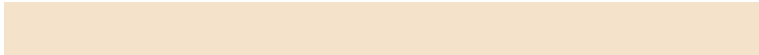
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



77.8936, 0.3417, 0.3540



83.1956, 0.3489, 0.3598



87.7552, 0.3367, 0.3722



18.0505, 0.3279, 0.3425



20.7864, 0.5204, 0.4250



2.0308, 0.5042, 0.4378

Inverse Universe

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



70.3316, 0.2854, 0.3027



73.2687, 0.2790, 0.2961



61.7350, 0.2863, 0.2824



17.0987, 0.2980, 0.3151



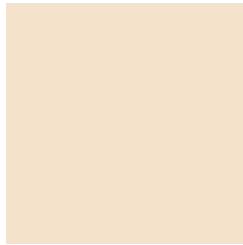
9.2963, 0.1709, 0.1352



1.0169, 0.1776, 0.1595

Previews

White Background



This preview shows how the Yxy color 77.8901, 0.3417, 0.3540 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 77.8901, 0.3417, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

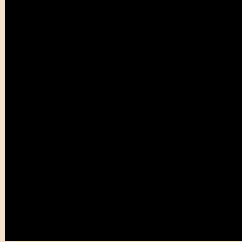
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

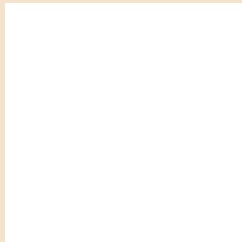
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.8901, 0.3417, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 77.8901, 0.3417, 0.3540.



This preview shows how white text looks on a background with the Yxy color 77.8901, 0.3417, 0.3540.

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

77.8901, 0.3417, 0.3540

Protanopia

78.1493, 0.3370, 0.3553

Deuteranopia

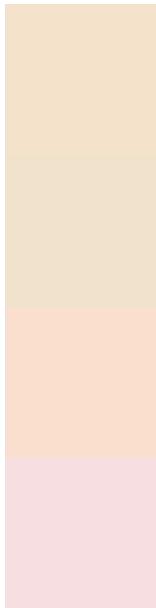
78.0566, 0.3463, 0.3433



Tritanopia

78.0257, 0.3213, 0.3120

Trichromacy



Original Color

77.8901, 0.3417, 0.3540

Protanomaly

77.9507, 0.3386, 0.3542

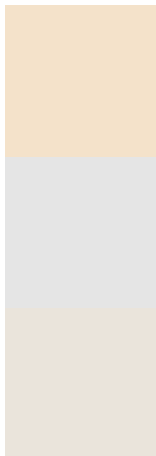
Deuteranomaly

77.7408, 0.3446, 0.3465

Tritanomaly

77.9858, 0.3285, 0.3270

Monochromacy



Original Color

77.8901, 0.3417, 0.3540

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.0937, 0.3227, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.8901, 0.3417, 0.3540 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(244, 226, 202)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 202)  
}
```

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(244, 226, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 202) }
```

Border

The CSS property to change the border of an element to Yxy 77.8901, 0.3417, 0.3540 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(244, 226, 202) }
```

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

```
.border{ border-color:rgb(244, 226, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 226, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 202);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 77.8901, 0.3417, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 226, 202) }
```

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

```
.background{ background-color: rgb(244,  
226, 202) }
```

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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