

Converting Colors

$Yxy(78.5942, 0.3348, 0.3440)$

Have a look what the booklet for
Yxy(78.5942, 0.3348, 0.3440)
contains.

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Color

Yxy(78.3793, 0.3348, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	F4E2D4
RGB	244, 226, 212
RGB Percent	96%, 89%, 83%
CMY	0.0431, 0.1137, 0.1685
CMYK	0.00, 0.07, 0.13, 0.04
HSL	26°, 59%, 89%
HSV	26°, 13%, 96%
XYZ	76.3941, 78.3793, 73.4050
YIQ	229.7860, 15.2220, -0.5380

Conversions

Conversions Part 2

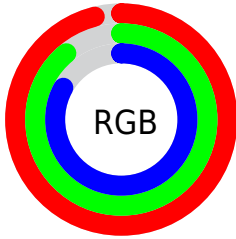
Format	Color
R _Y B	244, 237, 212
Decimal	16048852
CIE Lab	90.95, 3.88, 9.03
CIE LCh	91, 9.831, 66.753
Yxy	78.3793, 0.3348, 0.3435
Android (android.graphics.Color)	4294238932 (0xFFF4E2D4)
YUV	229.7860, -8.7685, 12.4657
Hunter-Lab	88.5321, -0.9039, 12.8131

Details

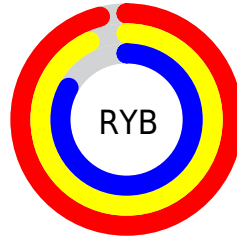
The Yxy color **78.3793, 0.3348, 0.3435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.1493, 0.2923, 0.3141**, and the grayscale version is **79.0261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.2515, 0.3406, 0.3477** is the 20% darker color. If you saturate the color by 10%, you get **70.0661, 0.3547, 0.3553**, and if you desaturate by 10%, it is **87.4846, 0.3176, 0.3323**.

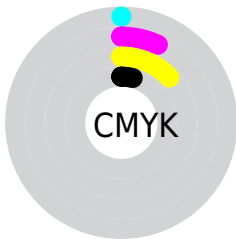
Distribution



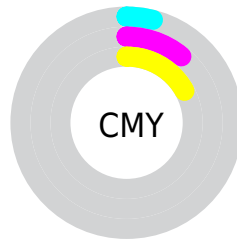
- Red (96%)
- Green (89%)
- Blue (83%)



- Red (96%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (13%)
- Black (4%)





- Cyan (4%)
- Magenta (11%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3793, 0.3348, 0.3435 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 78.3793, 0.3348, 0.3435 by changing the saturation by 10% instead.


 78.3793, 0.3348,
0.3435

 78.3793, 0.3348,
0.3435


489.4540, 0.3247,
0.3370

 58.3856, 0.3371,
0.3450

131.0847, 0.3313,
0.3413

 42.1187, 0.3399,
0.3467


164.5652, 0.3299,
0.3404

 29.1943, 0.3435,
0.3490


203.3100, 0.3288,
0.3396

 19.2278, 0.3481,
0.3519

247.7037, 0.3277,
0.3389

 11.8350, 0.3544,
0.3557

298.1305, 0.3268,
0.3384

 6.6314, 0.3633,
0.3610

354.9749, 0.3260,

 3.2327, 0.3770,

0.3378

0.3690

418.6213, 0.3253,
0.3374

■ 1.2544, 0.4037,
0.3849

■ 0.1055, 0.6489,
0.3511

■ 78.3793, 0.3348,
0.3435

■ 78.3793, 0.3348,
0.3435

■ 70.0661, 0.3547,
0.3553

■ 87.4846, 0.3176,
0.3323

■ 62.5122, 0.3775,
0.3673

■ 97.0117, 0.3060,
0.3275

■ 55.6978, 0.4033,
0.3790

■ 97.9757, 0.3060,
0.3290

■ 49.5979, 0.4317,
0.3897

■ 44.1863, 0.4620,
0.3982

■ 39.4343, 0.4928,
0.4032

■ 35.3109, 0.5219,
0.4035

■ 31.7811, 0.5472,
0.3982

■ 29.6669, 0.5620,
0.3920

Harmonies

Analogous

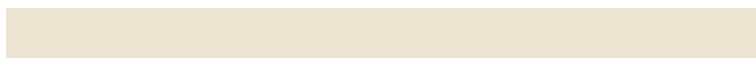
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.3793, 0.3347, 0.3347



78.3793, 0.3348, 0.3435



78.3793, 0.3289, 0.3486

Triad

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



78.3793, 0.3348, 0.3435



78.3793, 0.2970, 0.3332



78.3793, 0.3065, 0.3104

Complementary

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



78.3793, 0.3348, 0.3435



77.1493, 0.2923, 0.3141

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.



78.3793, 0.2966, 0.3097



78.3793, 0.3348, 0.3435



78.3793, 0.2913, 0.3227

Square

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



78.3793, 0.3348, 0.3435



78.3793, 0.3070, 0.3428



78.3793, 0.2911, 0.3141



78.3793, 0.3182, 0.3158

Rectangle

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



78.3793, 0.3348, 0.3435



78.3793, 0.3224, 0.3492



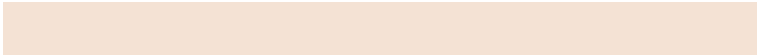
78.3793, 0.2911, 0.3141



78.3793, 0.3028, 0.3096

Sweetspot

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



78.3828, 0.3348, 0.3435



95.7499, 0.3190, 0.3333



72.0569, 0.3238, 0.3104



20.3268, 0.3202, 0.3341



0.0000, 0.0000, 0.0000



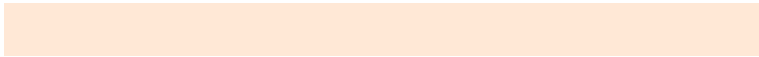
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3828, 0.3348, 0.3435



83.8515, 0.3403, 0.3469



87.4245, 0.3326, 0.3594



17.6735, 0.3283, 0.3394



16.3901, 0.5592, 0.3942



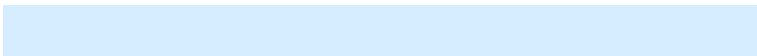
1.6412, 0.5375, 0.4114

Inverse Universe

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



77.1493, 0.2923, 0.3141



82.2171, 0.2876, 0.3104



68.7062, 0.2918, 0.2967



17.4753, 0.2980, 0.3184



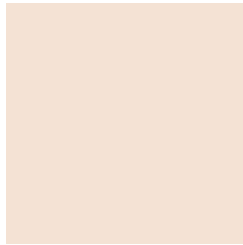
13.6206, 0.1831, 0.1793



1.4015, 0.1888, 0.1997

Previews

White Background



This preview shows how the Yxy color 78.3793, 0.3348, 0.3435 looks on a white background.

Color Contrast Check

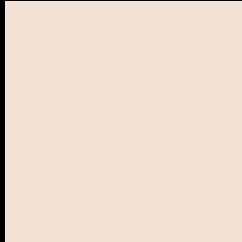
Large Text (above 18pt) WCAG AA × Fail

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 78.3793, 0.3348, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

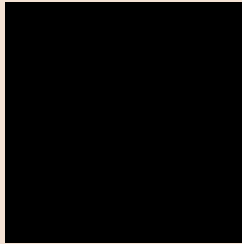
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.3793, 0.3348, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 78.3793, 0.3348, 0.3435.

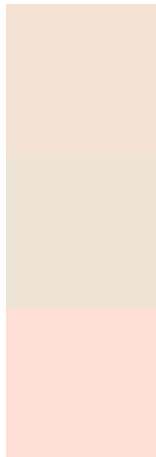


This preview shows how white text looks on a background with the Yxy color 78.3793, 0.3348, 0.3435.

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

78.3793, 0.3348, 0.3435

Protanopia

78.2954, 0.3288, 0.3448

Deuteranopia

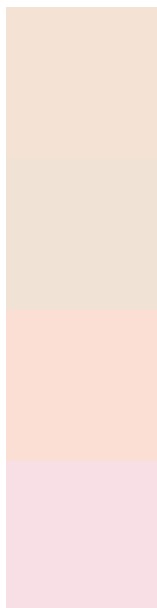
78.3576, 0.3421, 0.3372



Tritanopia

78.4310, 0.3199, 0.3120

Trichromacy



Original Color

78.3793, 0.3348, 0.3435

Protanomaly

78.2675, 0.3311, 0.3436

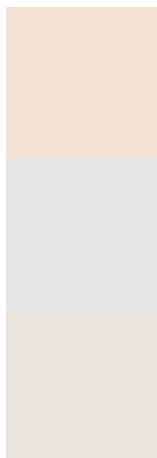
Deuteranomaly

78.0887, 0.3397, 0.3393

Tritanomaly

78.2067, 0.3258, 0.3230

Monochromacy



Original Color

78.3793, 0.3348, 0.3435

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.0285, 0.3207, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3793, 0.3348, 0.3435 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, 212)` looks like.

```
.text, #text, p{  
    color:rgb(244, 226, 212)  
}
```

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, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 226, 212) }
```

Border

The CSS property to change the border of an element to Yxy 78.3793, 0.3348, 0.3435 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, 212) }
```

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

```
.border{ border-color:rgb(244, 226, 212) }
```

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, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 226, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 226, 212);  
box-shadow:4px 4px 4px 4px rgb(244, 226,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3793, 0.3348, 0.3435 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, 212) }
```

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

```
.background{ background-color: rgb(244,  
226, 212) }
```

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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