

Converting Colors

$Yxy(78.1439, 0.3297, 0.3426)$

Have a look what the booklet for
Yxy(78.1439, 0.3297, 0.3426)
contains.

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Color

Yxy(78.1439, 0.3297, 0.3426)

Conversions

Conversions Part 1

Format	Color
Hex	EFE3D6
RGB	239, 227, 214
RGB Percent	94%, 89%, 84%
CMY	0.0628, 0.1098, 0.1607
CMYK	0.00, 0.05, 0.10, 0.06
HSL	31°, 44%, 89%
HSV	31°, 10%, 94%
XYZ	75.2015, 78.1439, 74.7453
YIQ	229.1060, 11.3250, -1.4990

Conversions

Conversions Part 2

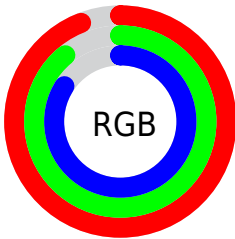
Format	Color
R_{YB}	237, 239, 214
Decimal	15721430
CIE Lab	90.85, 1.91, 7.79
CIE LCh	91, 8.018, 76.216
Yxy	78.1439, 0.3297, 0.3426
Android (android.graphics.Color)	4293911510 (0xFFEFE3D6)
YUV	229.1060, -7.4473, 8.6770
Hunter-Lab	88.3990, -2.8474, 11.7470

Details

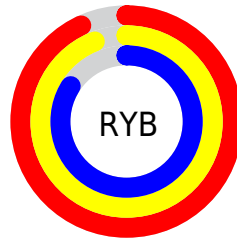
The Yxy color **78.1439, 0.3297, 0.3426** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.9188, 0.2965, 0.3150**, and the grayscale version is **78.4879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0755, 0.3339, 0.3466** is the 20% darker color. If you saturate the color by 10%, you get **70.9501, 0.3482, 0.3563**, and if you desaturate by 10%, it is **85.9413, 0.3134, 0.3296**.

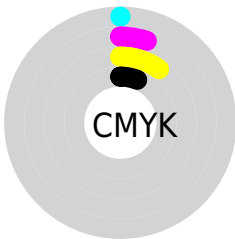
Distribution



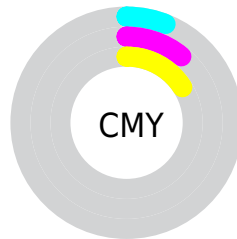
- Red (94%)
- Green (89%)
- Blue (84%)



- Red (93%)
- Yellow (94%)
- Blue (84%)



- Cyan (0%)
- Magenta (5%)
- Yellow (10%)
- Black (6%)



- Cyan (6%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.1439, 0.3297, 0.3426 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 78.1439, 0.3297, 0.3426 by changing the saturation by 10% instead.


 78.1439, 0.3297,
0.3426

 78.1439, 0.3297,
0.3426


488.6554, 0.3219,
0.3364

 58.1922, 0.3315,
0.3440


130.7530, 0.3270,
0.3405

 41.9632, 0.3336,
0.3457


164.1791, 0.3260,
0.3396

 29.0725, 0.3364,
0.3478


202.8655, 0.3251,
0.3389

 19.1356, 0.3399,
0.3506

247.1966, 0.3243,
0.3383

 11.7683, 0.3447,
0.3543

297.5567, 0.3236,
0.3377

 6.5861, 0.3516,
0.3596

354.3303, 0.3230,

 3.2046, 0.3621,

0.3373

0.3676

417.9017, 0.3224,
0.3368

■ 1.2395, 0.3819,
0.3826

■ 0.0936, 0.5916,
0.4084

■ 78.1439, 0.3297,
0.3426

■ 78.1439, 0.3297,
0.3426

■ 70.9501, 0.3482,
0.3563

■ 85.9413, 0.3134,
0.3296

■ 64.3338, 0.3692,
0.3705

■ 93.9007, 0.3030,
0.3240

■ 58.2818, 0.3924,
0.3845

■ 97.0889, 0.3029,
0.3290

■ 52.7764, 0.4176,
0.3976

■ 47.7989, 0.4442,
0.4087

■ 43.3290, 0.4710,
0.4167

■ 39.3446, 0.4965,
0.4201

■ 35.8205, 0.5190,
0.4182

■ 32.8517, 0.5370,
0.4118

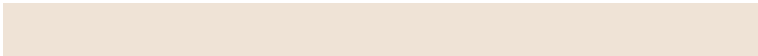
Harmonies

Analogous

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



78.1439, 0.3312, 0.3362



78.1439, 0.3297, 0.3426



78.1439, 0.3236, 0.3455

Triad

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



78.1439, 0.3297, 0.3426



78.1439, 0.2980, 0.3297



78.1439, 0.3106, 0.3148

Complementary

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



78.1439, 0.3297, 0.3426



74.9188, 0.2965, 0.3150

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.



78.1439, 0.3018, 0.3129



78.1439, 0.3297, 0.3426



78.1439, 0.2946, 0.3214

Square

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



78.1439, 0.3297, 0.3426



78.1439, 0.3053, 0.3380



78.1439, 0.2960, 0.3153



78.1439, 0.3201, 0.3203

Rectangle

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



78.1439, 0.3297, 0.3426



78.1439, 0.3178, 0.3449



78.1439, 0.2960, 0.3153



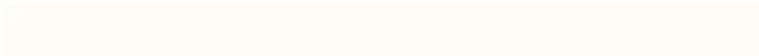
78.1439, 0.3075, 0.3137

Sweetspot

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



78.1473, 0.3297, 0.3426



97.1980, 0.3174, 0.3328



71.9441, 0.3228, 0.3164



20.6464, 0.3186, 0.3339



0.0000, 0.0000, 0.0000



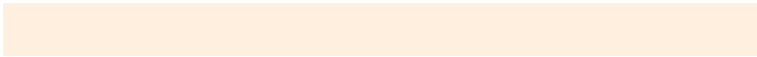
21.4041, 0.3127, 0.3290

Same Dimension

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



78.1473, 0.3297, 0.3426



88.3164, 0.3343, 0.3461



84.8592, 0.3280, 0.3548



17.1196, 0.3280, 0.3413



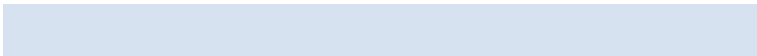
18.4210, 0.5347, 0.4136



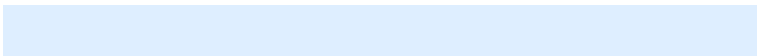
1.7317, 0.5154, 0.4290

Inverse Universe

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



74.9188, 0.2965, 0.3150



83.7305, 0.2923, 0.3113



68.6916, 0.2966, 0.3019



16.4799, 0.2980, 0.3164



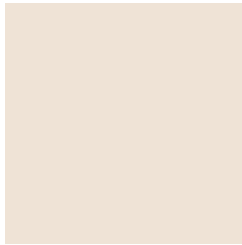
10.4351, 0.1753, 0.1511



1.0663, 0.1821, 0.1755

Previews

White Background



This preview shows how the Yxy color 78.1439, 0.3297, 0.3426 looks on a white background.

Color Contrast Check

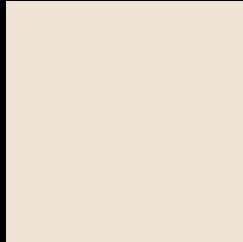
Large Text (above 18pt) WCAG AA × Fail

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 78.1439, 0.3297, 0.3426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

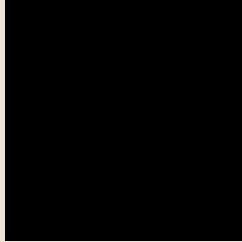
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

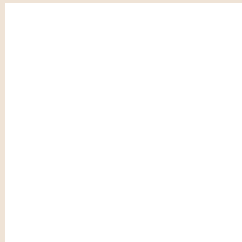
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.1439, 0.3297, 0.3426

Background



This preview shows how black text looks on a background with the Yxy color 78.1439, 0.3297, 0.3426.

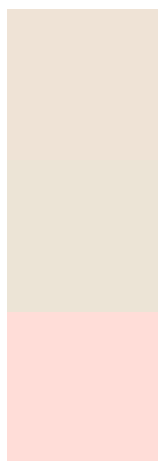


This preview shows how white text looks on a background with the Yxy color 78.1439, 0.3297, 0.3426.

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

78.1439, 0.3297, 0.3426

Protanopia

78.1747, 0.3275, 0.3437

Deuteranopia

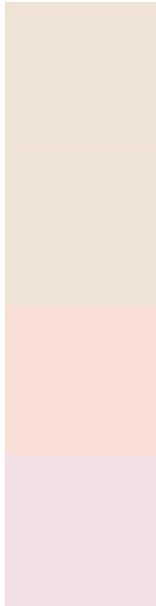
77.9308, 0.3408, 0.3341



Tritanopia

78.1809, 0.3150, 0.3108

Trichromacy



Original Color

78.1439, 0.3297, 0.3426

Protanomaly

78.3464, 0.3282, 0.3437

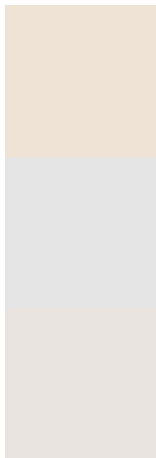
Deuteranomaly

77.8214, 0.3368, 0.3372

Tritanomaly

77.9581, 0.3208, 0.3219

Monochromacy



Original Color

78.1439, 0.3297, 0.3426

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.1923, 0.3188, 0.3332

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.1439, 0.3297, 0.3426 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(239, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(239, 227, 214)  
}
```

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(239, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 227, 214) }
```

Border

The CSS property to change the border of an element to Yxy 78.1439, 0.3297, 0.3426 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(239, 227, 214) }
```

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

```
.border{ border-color:rgb(239, 227, 214) }
```

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

Here you see how a box with a 4 pixel rgb(239, 227, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(239, 227,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 78.1439, 0.3297, 0.3426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 227, 214) }
```

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

```
.background{ background-color: rgb(239,  
227, 214) }
```

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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