

Converting Colors

Yxy(78.6389, 0.3323, 0.3498)

Have a look what the booklet for
Yxy(78.6389, 0.3323, 0.3498)
contains.

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Color

Yxy(78.8192, 0.3321, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	EEE5D1
RGB	238, 229, 209
RGB Percent	93%, 90%, 82%
CMY	0.0667, 0.1019, 0.1804
CMYK	0.00, 0.04, 0.12, 0.07
HSL	41°, 46%, 88%
HSV	41°, 12%, 93%
XYZ	74.7882, 78.8192, 71.5904
YIQ	229.4110, 11.7840, -4.3120

Conversions

Conversions Part 2

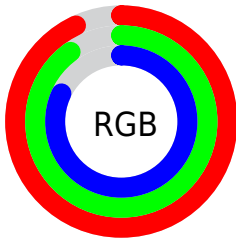
Format	Color
R _Y B	222, 238, 209
Decimal	15656401
CIE Lab	91.15, -0.26, 10.83
CIE LCh	91, 10.837, 91.382
Yxy	78.8192, 0.3321, 0.3500
Android (android.graphics.Color)	4293846481 (0xFFEEE5D1)
YUV	229.4110, -10.0626, 7.5326
Hunter-Lab	88.7802, -4.9974, 14.3360

Details

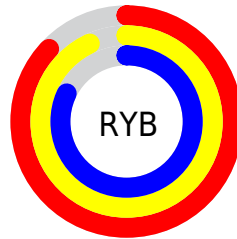
The Yxy color **78.8192, 0.3321, 0.3500** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **69.8689, 0.2936, 0.3071**, and the grayscale version is **78.7443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5837, 0.3361, 0.3548** is the 20% darker color. If you saturate the color by 10%, you get **73.7307, 0.3497, 0.3680**, and if you desaturate by 10%, it is **84.2646, 0.3160, 0.3327**.

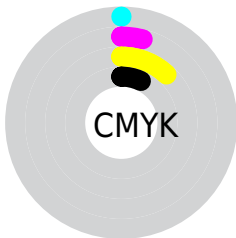
Distribution



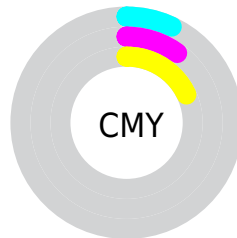
- Red (93%)
- Green (90%)
- Blue (82%)



- Red (87%)
- Yellow (93%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (7%)





- Cyan (7%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.8192, 0.3321, 0.3500 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 78.8192, 0.3321, 0.3500 by changing the saturation by 10% instead.


 78.8192, 0.3321,
0.3500

 78.8192, 0.3321,
0.3500


490.9445, 0.3233,
0.3404

 58.7472, 0.3341,
0.3522

131.7043, 0.3291,
0.3467

 42.4096, 0.3365,
0.3548


165.2862, 0.3279,
0.3454

 29.4222, 0.3396,
0.3582


204.1401, 0.3268,
0.3443

 19.4004, 0.3436,
0.3625

248.6505, 0.3259,
0.3433

 11.9600, 0.3489,
0.3683

299.2017, 0.3251,
0.3425

 6.7164, 0.3565,
0.3765

356.1782, 0.3244,

 3.2854, 0.3680,

0.3417

419.9643, 0.3238,
0.3410

0.3891

1.2825, 0.3931,
0.4164

0.1276, 0.4738,
0.5262

78.8192, 0.3321,
0.3500

78.8192, 0.3321,
0.3500

73.7307, 0.3497,
0.3680

84.2646, 0.3160,
0.3327

68.9787, 0.3687,
0.3863

89.9624, 0.3024,
0.3179

64.5562, 0.3888,
0.4042

94.4899, 0.3024,
0.3252

60.4518, 0.4093,
0.4207

96.9179, 0.3023,
0.3290

■ 56.6534, 0.4296,
0.4348

■ 53.1474, 0.4487,
0.4455

■ 49.9185, 0.4656,
0.4516

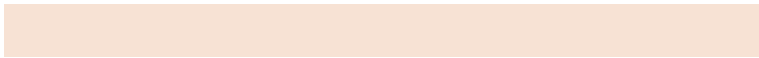
■ 46.9489, 0.4795,
0.4526

■ 44.7888, 0.4884,
0.4504

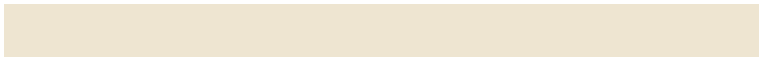
Harmonies

Analogous

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



78.8192, 0.3375, 0.3434



78.8192, 0.3321, 0.3500



78.8192, 0.3215, 0.3510

Triad

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



78.8192, 0.3321, 0.3500



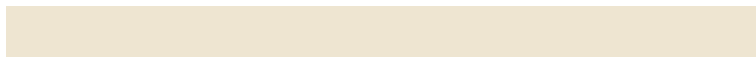
78.8192, 0.2898, 0.3240



78.8192, 0.3164, 0.3131

Complementary

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



78.8192, 0.3321, 0.3500



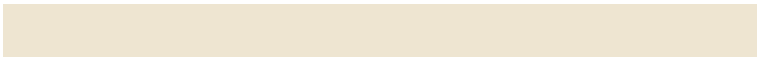
69.8689, 0.2936, 0.3071

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.



78.8192, 0.3036, 0.3080



78.8192, 0.3321, 0.3500



78.8192, 0.2885, 0.3140

Square

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



78.8192, 0.3321, 0.3500



78.8192, 0.2972, 0.3357



78.8192, 0.2935, 0.3083



78.8192, 0.3284, 0.3223

Rectangle

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



78.8192, 0.3321, 0.3500



78.8192, 0.3130, 0.3481



78.8192, 0.2935, 0.3083



78.8192, 0.3120, 0.3109

Sweetspot

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



78.8227, 0.3321, 0.3500



97.3580, 0.3188, 0.3358



68.8488, 0.3281, 0.3193



20.7339, 0.3200, 0.3371



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.



78.8227, 0.3321, 0.3500



90.4379, 0.3370, 0.3551



83.0257, 0.3273, 0.3595



17.5834, 0.3276, 0.3452



25.2273, 0.4870, 0.4515



2.2748, 0.4759, 0.4603

Inverse Universe

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



69.8689, 0.2936, 0.3071



77.7600, 0.2888, 0.3014



66.1163, 0.2971, 0.2974



16.0287, 0.2980, 0.3122



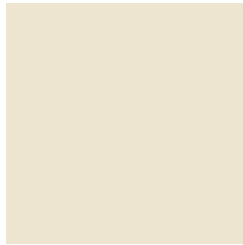
6.3661, 0.1617, 0.1022



0.7000, 0.1689, 0.1281

Previews

White Background



This preview shows how the Yxy color 78.8192, 0.3321, 0.3500 looks on a white background.

Color Contrast Check

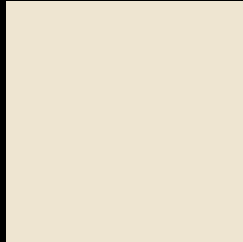
Large Text (above 18pt) WCAG AA × Fail

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 78.8192, 0.3321, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

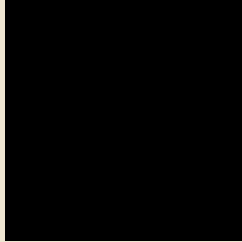
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

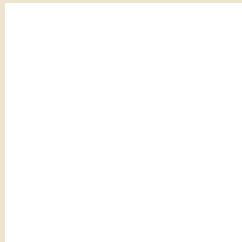
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8192, 0.3321, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 78.8192, 0.3321, 0.3500.

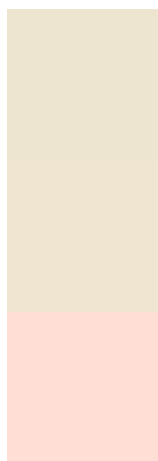


This preview shows how white text looks on a background with the Yxy color 78.8192, 0.3321, 0.3500.

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

78.8192, 0.3321, 0.3500

Protanopia

78.9928, 0.3328, 0.3499

Deuteranopia

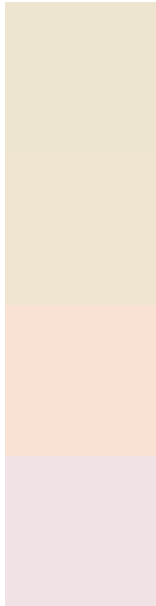
78.8394, 0.3426, 0.3392



Tritanopia

78.7768, 0.3143, 0.3108

Trichromacy



Original Color

78.8192, 0.3321, 0.3500

Protanomaly

78.9928, 0.3328, 0.3499

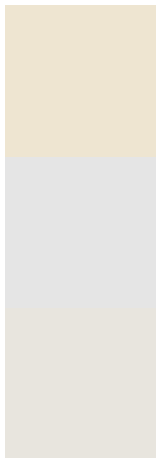
Deuteranomaly

78.7436, 0.3386, 0.3424

Tritanomaly

78.8067, 0.3206, 0.3249

Monochromacy



Original Color

78.8192, 0.3321, 0.3500

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.4684, 0.3193, 0.3364

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8192, 0.3321, 0.3500 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(238, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(238, 229, 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(238, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 229, 209) }
```

Border

The CSS property to change the border of an element to Yxy 78.8192, 0.3321, 0.3500 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(238, 229, 209) }
```

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

```
.border{ border-color:rgb(238, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(238, 229,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8192, 0.3321, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 229, 209) }
```

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

```
.background{ background-color: rgb(238,  
229, 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](#).

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