

Converting Colors

$Yxy(78.8556, 0.3330, 0.3498)$

Have a look what the booklet for
Yxy(78.8556, 0.3330, 0.3498)
contains.

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Color

Yxy(78.9928, 0.3328, 0.3499)

Conversions

Conversions Part 1

Format	Color
Hex	EFE5D1
RGB	239, 229, 209
RGB Percent	94%, 90%, 82%
CMY	0.0627, 0.1020, 0.1802
CMYK	0.00, 0.04, 0.13, 0.06
HSL	40°, 48%, 88%
HSV	40°, 13%, 94%
XYZ	75.1323, 78.9928, 71.6331
YIQ	229.7100, 12.3800, -4.1000

Conversions

Conversions Part 2

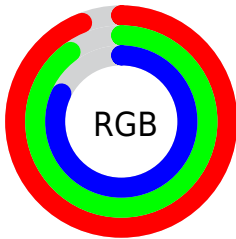
Format	Color
R_{YB}	224, 239, 209
Decimal	15721937
CIE _{Lab}	91.23, 0.11, 10.94
CIE _{LCh}	91, 10.936, 89.441
Yxy	78.9928, 0.3328, 0.3499
Android (android.graphics.Color)	4293912017 (0xFFEFE5D1)
YUV	229.7100, -10.2100, 8.1473
Hunter-Lab	88.8779, -4.6425, 14.4285

Details

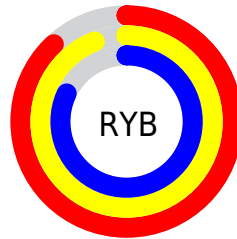
The Yxy color **78.9928, 0.3328, 0.3499** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **70.4878, 0.2930, 0.3072**, and the grayscale version is **78.9804, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7059, 0.3370, 0.3547** is the 20% darker color. If you saturate the color by 10%, you get **73.5797, 0.3507, 0.3674**, and if you desaturate by 10%, it is **84.7940, 0.3166, 0.3331**.

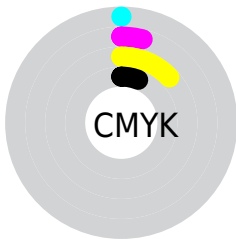
Distribution



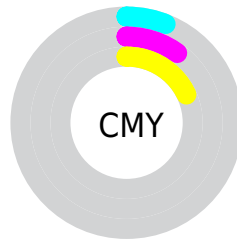
- Red (94%)
- Green (90%)
- Blue (82%)



- Red (88%)
- Yellow (94%)
- Blue (82%)



- Cyan (0%)
- Magenta (4%)
- Yellow (13%)
- Black (6%)




- Cyan (6%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9928, 0.3328, 0.3499 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 78.9928, 0.3328, 0.3499 by changing the saturation by 10% instead.


 78.9928, 0.3328,
0.3499

 78.9928, 0.3328,
0.3499


491.5320, 0.3236,
0.3404

 58.8899, 0.3349,
0.3520


131.9487, 0.3296,
0.3466

 42.5245, 0.3374,
0.3547


165.5705, 0.3284,
0.3453

 29.5122, 0.3406,
0.3580


204.4674, 0.3273,
0.3442

 19.4686, 0.3447,
0.3623

249.0238, 0.3264,
0.3433

 12.0094, 0.3503,
0.3680

299.6240, 0.3256,
0.3424

 6.7501, 0.3581,
0.3762

356.6526, 0.3249,

 3.3063, 0.3700,

0.3417

0.3885

420.4937, 0.3242,
0.3410

■ 1.2937, 0.3957,
0.4152

■ 0.1363, 0.4923,
0.5077

■ 78.9928, 0.3328,
0.3499

■ 78.9928, 0.3328,
0.3499

■ 73.5797, 0.3507,
0.3674

■ 84.7940, 0.3166,
0.3331

■ 68.5336, 0.3700,
0.3851

■ 90.8635, 0.3031,
0.3191

■ 63.8468, 0.3906,
0.4024

■ 95.8016, 0.3030,
0.3270

■ 59.5072, 0.4119,
0.4184

■ 97.0937, 0.3029,
0.3290

■ 55.5019, 0.4330,
0.4320

■ 51.8165, 0.4531,
0.4420

■ 48.4349, 0.4709,
0.4475

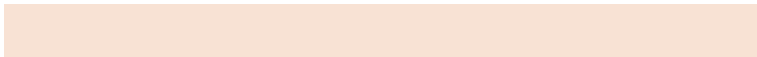
■ 45.3382, 0.4858,
0.4478

■ 43.1941, 0.4950,
0.4452

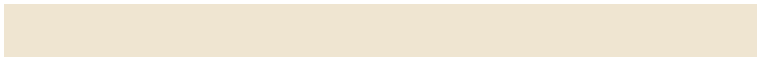
Harmonies

Analogous

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



78.9928, 0.3379, 0.3429



78.9928, 0.3328, 0.3499



78.9928, 0.3224, 0.3513

Triad

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



78.9928, 0.3328, 0.3499



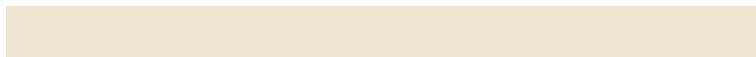
78.9928, 0.2900, 0.3247



78.9928, 0.3156, 0.3125

Complementary

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



78.9928, 0.3328, 0.3499



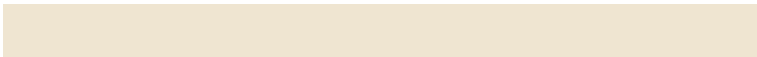
70.4878, 0.2930, 0.3072

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.



78.9928, 0.3028, 0.3077



78.9928, 0.3328, 0.3499



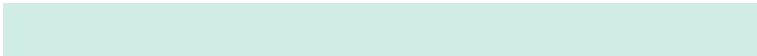
78.9928, 0.2882, 0.3144

Square

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



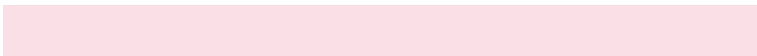
78.9928, 0.3328, 0.3499



78.9928, 0.2977, 0.3365



78.9928, 0.2928, 0.3083



78.9928, 0.3278, 0.3215

Rectangle

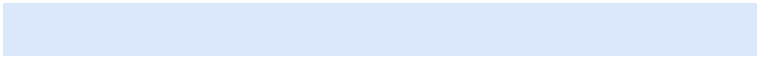
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.9928, 0.3328, 0.3499



78.9928, 0.3138, 0.3487



78.9928, 0.2928, 0.3083



78.9928, 0.3112, 0.3104

Sweetspot

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



78.9963, 0.3328, 0.3499



97.2044, 0.3189, 0.3355



69.1163, 0.3279, 0.3180



20.6950, 0.3200, 0.3368



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.



78.9963, 0.3328, 0.3499



89.8893, 0.3371, 0.3542



83.9292, 0.3284, 0.3603



17.5171, 0.3277, 0.3447



24.1175, 0.4934, 0.4464



2.1886, 0.4812, 0.4561

Inverse Universe

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



70.4878, 0.2930, 0.3072



78.2684, 0.2889, 0.3024



66.0795, 0.2959, 0.2963



16.0920, 0.2980, 0.3128



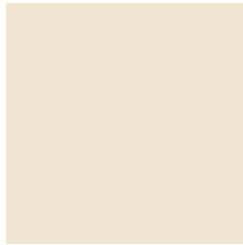
6.8207, 0.1634, 0.1082



0.7439, 0.1707, 0.1343

Previews

White Background



This preview shows how the Yxy color 78.9928, 0.3328, 0.3499 looks on a white background.

Color Contrast Check

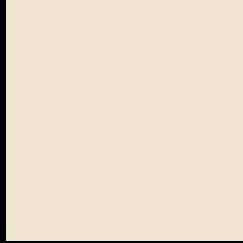
Large Text (above 18pt) WCAG AA × Fail

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 78.9928, 0.3328, 0.3499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

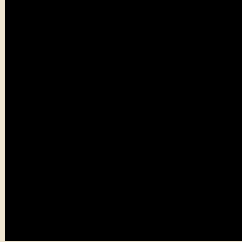
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

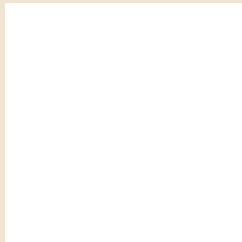
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.9928, 0.3328, 0.3499

Background



This preview shows how black text looks on a background with the Yxy color 78.9928, 0.3328, 0.3499.

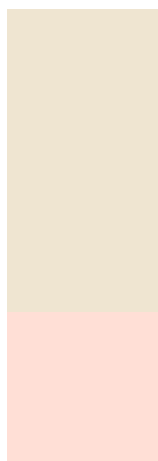


This preview shows how white text looks on a background with the Yxy color 78.9928, 0.3328, 0.3499.

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

78.9928, 0.3328, 0.3499

Protanopia

78.9928, 0.3328, 0.3499

Deuteranopia

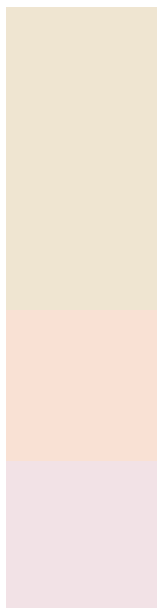
78.8904, 0.3419, 0.3382



Tritanopia

78.9552, 0.3150, 0.3109

Trichromacy



Original Color

78.9928, 0.3328, 0.3499

Protanomaly

78.9928, 0.3328, 0.3499

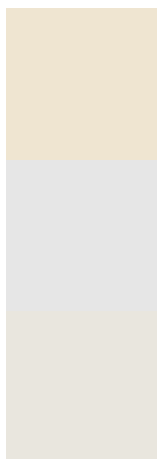
Deuteranomaly

78.7436, 0.3386, 0.3424

Tritanomaly

78.9831, 0.3213, 0.3249

Monochromacy



Original Color

78.9928, 0.3328, 0.3499

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.1912, 0.3199, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9928, 0.3328, 0.3499 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, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(239, 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(239, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 229, 209) }
```

Border

The CSS property to change the border of an element to Yxy 78.9928, 0.3328, 0.3499 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, 229, 209) }
```

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

```
.border{ border-color:rgb(239, 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(239, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 229, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 229, 209); box-shadow:4px 4px 4px 4px rgb(239, 229, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9928, 0.3328, 0.3499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 229, 209) }
```

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

```
.background{ background-color: rgb(239,  
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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