

Converting Colors

$Yxy(78.7669, 0.3296, 0.3468)$

Have a look what the booklet for
Yxy(78.7669, 0.3296, 0.3468)
contains.

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Color

Yxy(78.7966, 0.3294, 0.3469)

Conversions

Conversions Part 1

Format	Color
Hex	EDE5D4
RGB	237, 229, 212
RGB Percent	93%, 90%, 83%
CMY	0.0706, 0.1019, 0.1688
CMYK	0.00, 0.03, 0.11, 0.07
HSL	41°, 41%, 88%
HSV	41°, 11%, 93%
XYZ	74.8216, 78.7966, 73.5268
YIQ	229.4540, 10.2250, -3.5910

Conversions

Conversions Part 2

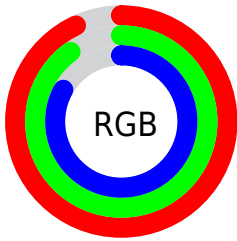
Format	Color
RYB	224, 237, 212
Decimal	15590868
CIELab	91.14, -0.15, 9.26
CIElCh	91, 9.264, 90.919
Yxy	78.7966, 0.3294, 0.3469
Android (android.graphics.Color)	4293780948 (0xFFE5D4)
YUV	229.4540, -8.6048, 6.6178
Hunter-Lab	88.7674, -4.8864, 13.0268

Details

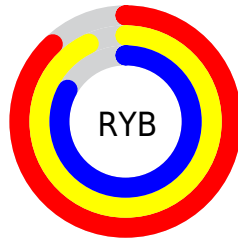
The Yxy color **78.7966, 0.3294, 0.3469** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **71.2606, 0.2962, 0.3104**, and the grayscale version is **78.7649, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5302, 0.3334, 0.3521** is the 20% darker color. If you saturate the color by 10%, you get **73.6001, 0.3468, 0.3646**, and if you desaturate by 10%, it is **84.3575, 0.3136, 0.3299**.

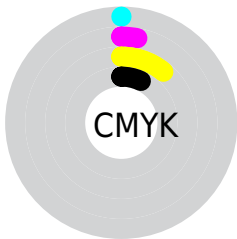
Distribution



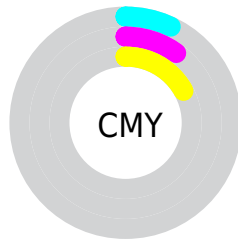
- Red (93%)
- Green (90%)
- Blue (83%)



- Red (88%)
- Yellow (93%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (11%)
- Black (7%)



- Cyan (7%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.7966, 0.3294, 0.3469 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 78.7966, 0.3294, 0.3469 by changing the saturation by 10% instead.

 78.7966, 0.3294,
0.3469

 78.7966, 0.3294,
0.3469


490.8680, 0.3218,
0.3387

 58.7286, 0.3311,
0.3487


131.6725, 0.3268,
0.3441

 42.3947, 0.3332,
0.3510


165.2491, 0.3258,
0.3430

 29.4105, 0.3359,
0.3539


204.0975, 0.3249,
0.3420

 19.3915, 0.3393,
0.3575

248.6019, 0.3241,
0.3412

 11.9535, 0.3439,
0.3625

299.1467, 0.3234,
0.3405

 6.7120, 0.3505,
0.3696

356.1164, 0.3228,

 3.2827, 0.3605,

0.3398

0.3803

419.8954, 0.3223,
0.3393

■ 1.2810, 0.3803,
0.4016

■ 0.1264, 0.4797,
0.5203

■ 78.7966, 0.3294,
0.3469

■ 78.7966, 0.3294,
0.3469

■ 73.6001, 0.3468,
0.3646

■ 84.3575, 0.3136,
0.3299

■ 68.7478, 0.3657,
0.3827

■ 89.9977, 0.3018,
0.3182

■ 64.2326, 0.3858,
0.4005

■ 94.6408, 0.3017,
0.3257

■ 60.0432, 0.4065,
0.4171

■ 96.7430, 0.3017,
0.3290

■ 56.1675, 0.4272,
0.4316

■ 52.5922, 0.4469,
0.4427

■ 49.3023, 0.4646,
0.4495

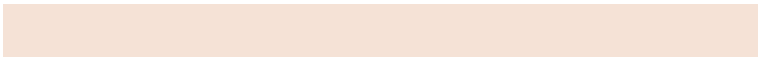
■ 46.2804, 0.4794,
0.4512

■ 43.6482, 0.4907,
0.4486

Harmonies

Analogous

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



78.7966, 0.3339, 0.3413



78.7966, 0.3294, 0.3469



78.7966, 0.3204, 0.3477

Triad

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



78.7966, 0.3294, 0.3469



78.7966, 0.2932, 0.3249



78.7966, 0.3157, 0.3153

Complementary

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



78.7966, 0.3294, 0.3469



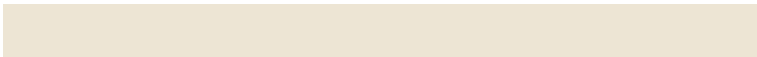
71.2606, 0.2962, 0.3104

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.



78.7966, 0.3048, 0.3110



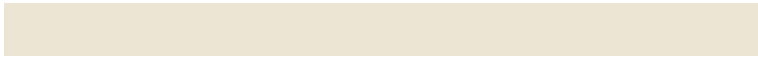
78.7966, 0.3294, 0.3469



78.7966, 0.2920, 0.3163

Square

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



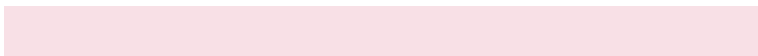
78.7966, 0.3294, 0.3469



78.7966, 0.2996, 0.3349



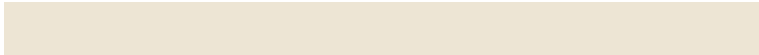
78.7966, 0.2962, 0.3113



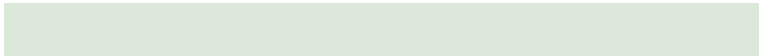
78.7966, 0.3259, 0.3231

Rectangle

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



78.7966, 0.3294, 0.3469



78.7966, 0.3132, 0.3454



78.7966, 0.2962, 0.3113



78.7966, 0.3120, 0.3134

Sweetspot

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



78.8001, 0.3294, 0.3469



97.9710, 0.3173, 0.3340



70.2545, 0.3255, 0.3202



20.8552, 0.3185, 0.3354



0.0000, 0.0000, 0.0000



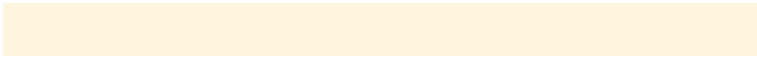
21.4041, 0.3127, 0.3290

Same Dimension

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



78.8001, 0.3294, 0.3469



91.4879, 0.3336, 0.3513



82.6081, 0.3256, 0.3553



16.7702, 0.3276, 0.3450



24.0791, 0.4892, 0.4498



2.0629, 0.4771, 0.4593

Inverse Universe

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



71.2606, 0.2962, 0.3104



80.6744, 0.2922, 0.3057



67.8012, 0.2990, 0.3018



15.3327, 0.2980, 0.3125



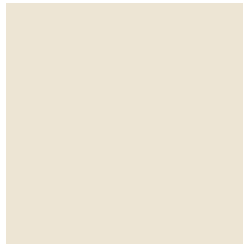
6.3356, 0.1624, 0.1045



0.6652, 0.1700, 0.1320

Previews

White Background



This preview shows how the Yxy color 78.7966, 0.3294, 0.3469 looks on a white background.

Color Contrast Check

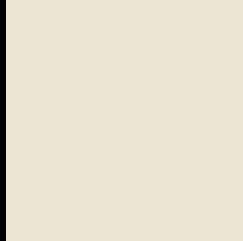
Large Text (above 18pt) WCAG AA × Fail

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 78.7966, 0.3294, 0.3469 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

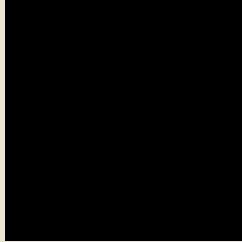
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

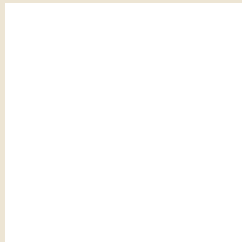
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.7966, 0.3294, 0.3469

Background



This preview shows how black text looks on a background with the Yxy color 78.7966, 0.3294, 0.3469.

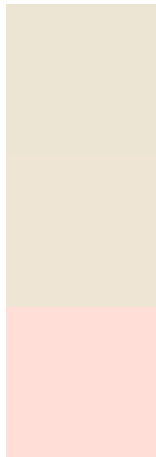


This preview shows how white text looks on a background with the Yxy color 78.7966, 0.3294, 0.3469.

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

78.7966, 0.3294, 0.3469

Protanopia

78.9692, 0.3301, 0.3468

Deuteranopia

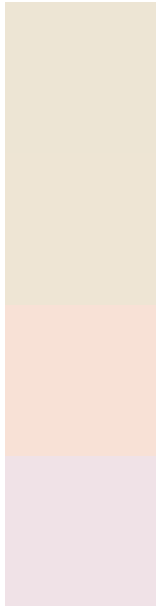
78.4088, 0.3414, 0.3361



Tritanopia

78.9620, 0.3128, 0.3118

Trichromacy



Original Color

78.7966, 0.3294, 0.3469

Protanomaly

78.9692, 0.3301, 0.3468

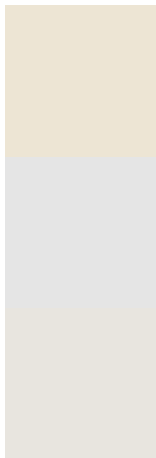
Deuteranomaly

78.6619, 0.3365, 0.3403

Tritanomaly

78.6875, 0.3192, 0.3239

Monochromacy



Original Color

78.7966, 0.3294, 0.3469

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.5221, 0.3186, 0.3353

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.7966, 0.3294, 0.3469 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(237, 229, 212)` looks like.

```
.text, #text, p{  
    color:rgb(237, 229, 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(237, 229, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 229, 212) }
```

Border

The CSS property to change the border of an element to Yxy 78.7966, 0.3294, 0.3469 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(237, 229, 212) }
```

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

```
.border{ border-color:rgb(237, 229, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 229, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 229, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 229, 212);  
box-shadow:4px 4px 4px 4px rgb(237, 229,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 78.7966, 0.3294, 0.3469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 229, 212) }
```

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

```
.background{ background-color: rgb(237,  
229, 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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