

Converting Colors

$Yxy(78.8985, 0.3268, 0.3397)$

Have a look what the booklet for
Yxy(78.8985, 0.3268, 0.3397)
contains.

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Color

Yxy(78.8995, 0.3269, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	EFE4DA
RGB	239, 228, 218
RGB Percent	94%, 89%, 85%
CMY	0.0628, 0.1058, 0.1450
CMYK	0.00, 0.05, 0.09, 0.06
HSL	29°, 40%, 90%
HSV	29°, 9%, 94%
XYZ	75.9937, 78.8995, 77.5744
YIQ	230.1490, 9.7660, -0.7780

Conversions

Conversions Part 2

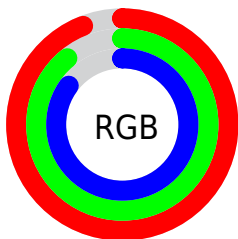
Format	Color
RYB	239, 237, 218
Decimal	15721690
CIELab	91.19, 2.05, 6.18
CIELCh	91, 6.511, 71.660
Yxy	78.8995, 0.3269, 0.3394
Android (android.graphics.Color)	4293911770 (0xFFEFE4DA)
YUV	230.1490, -5.9895, 7.7623
Hunter-Lab	88.8254, -2.7306, 10.3977

Details

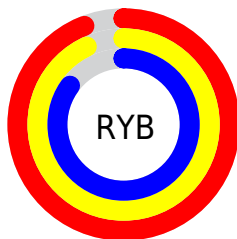
The Yxy color **78.8995, 0.3269, 0.3394** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.1839, 0.2991, 0.3184**, and the grayscale version is **79.2883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5988, 0.3303, 0.3425** is the 20% darker color. If you saturate the color by 10%, you get **71.0996, 0.3453, 0.3519**, and if you desaturate by 10%, it is **87.3855, 0.3109, 0.3276**.

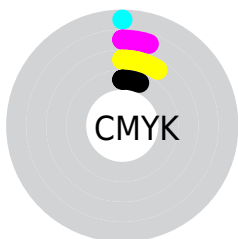
Distribution



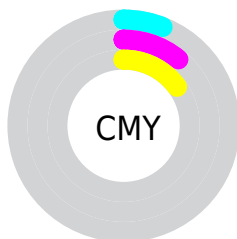
- Red (94%)
- Green (89%)
- Blue (85%)



- Red (94%)
- Yellow (93%)
- Blue (85%)



- Cyan (0%)
- Magenta (5%)
- Yellow (9%)
- Black (6%)





- Cyan (6%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.8995, 0.3269, 0.3394 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 78.8995, 0.3269, 0.3394 by changing the saturation by 10% instead.


 78.8995, 0.3269,
0.3394

 78.8995, 0.3269,
0.3394


491.2163, 0.3204,
0.3347

 58.8132, 0.3284,
0.3405


131.8174, 0.3247,
0.3378

 42.4628, 0.3302,
0.3418

165.4177, 0.3238,
0.3371

 29.4638, 0.3324,
0.3434


204.2915, 0.3230,
0.3366

 19.4320, 0.3354,
0.3455

248.8232, 0.3224,
0.3361

 11.9828, 0.3394,
0.3483

299.3971, 0.3218,
0.3357

 6.7320, 0.3451,
0.3523

356.3976, 0.3213,

 3.2951, 0.3538,

0.3353

420.2093, 0.3208,
0.3350

0.3583

■ 1.2876, 0.3690,
0.3686

■ 0.1316, 0.5709,
0.4291

■ 78.8995, 0.3269,
0.3394

■ 78.8995, 0.3269,
0.3394

■ 71.0996, 0.3453,
0.3519

■ 87.3855, 0.3109,
0.3276

■ 63.9573, 0.3664,
0.3649

■ 95.8473, 0.3029,
0.3271

■ 57.4569, 0.3901,
0.3778

■ 97.0878, 0.3029,
0.3290

■ 51.5783, 0.4162,
0.3901

■ 46.3002, 0.4443,
0.4006

■ 41.5995, 0.4732,
0.4082

■ 37.4514, 0.5013,
0.4116

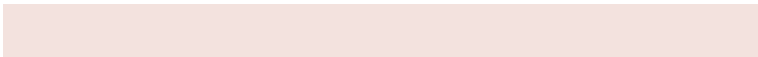
■ 33.8279, 0.5266,
0.4096

■ 30.6936, 0.5477,
0.4024

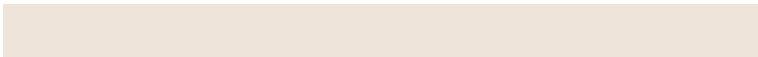
Harmonies

Analogous

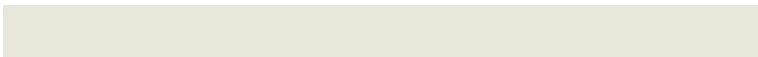
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.8995, 0.3275, 0.3339



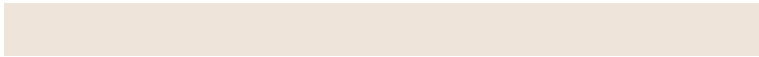
78.8995, 0.3269, 0.3394



78.8995, 0.3225, 0.3422

Triad

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



78.8995, 0.3269, 0.3394



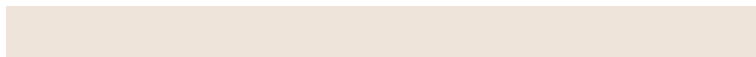
78.8995, 0.3015, 0.3307



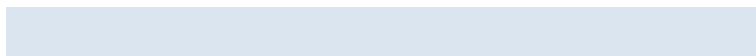
78.8995, 0.3099, 0.3170

Complementary

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



78.8995, 0.3269, 0.3394



77.1839, 0.2991, 0.3184

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.



78.8995, 0.3030, 0.3160



78.8995, 0.3269, 0.3394



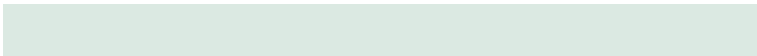
78.8995, 0.2982, 0.3238

Square

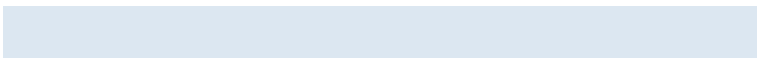
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.8995, 0.3269, 0.3394



78.8995, 0.3078, 0.3372



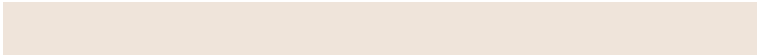
78.8995, 0.2987, 0.3185



78.8995, 0.3176, 0.3211

Rectangle

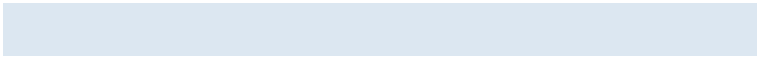
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.8995, 0.3269, 0.3394



78.8995, 0.3180, 0.3421



78.8995, 0.2987, 0.3185



78.8995, 0.3074, 0.3163

Sweetspot

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



78.9030, 0.3269, 0.3394



96.9868, 0.3174, 0.3325



74.1760, 0.3203, 0.3174



20.5894, 0.3187, 0.3335



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.



78.9030, 0.3269, 0.3394



89.3041, 0.3309, 0.3422



84.7266, 0.3258, 0.3498



17.0005, 0.3281, 0.3403



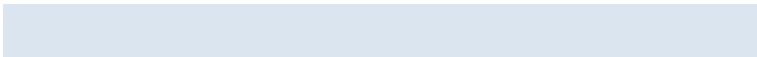
17.0264, 0.5476, 0.4034



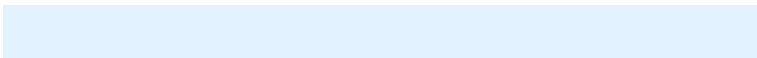
1.6144, 0.5263, 0.4203

Inverse Universe

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



77.1839, 0.2991, 0.3184



86.8350, 0.2956, 0.3154



71.6640, 0.2991, 0.3073



16.5991, 0.2980, 0.3175



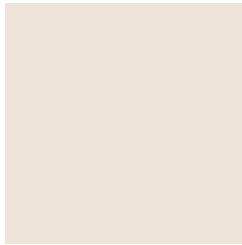
11.8417, 0.1794, 0.1659



1.1843, 0.1858, 0.1889

Previews

White Background



This preview shows how the Yxy color 78.8995, 0.3269, 0.3394 looks on a white background.

Color Contrast Check

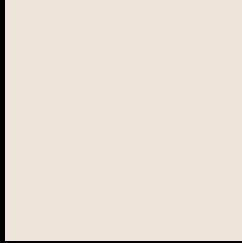
Large Text (above 18pt) WCAG AA × Fail

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 78.8995, 0.3269, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

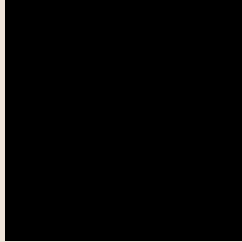
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

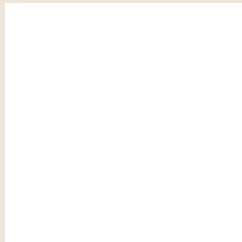
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.8995, 0.3269, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 78.8995, 0.3269, 0.3394.

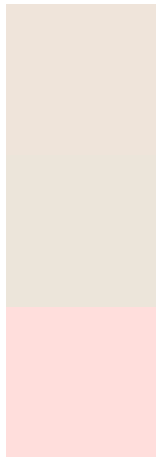


This preview shows how white text looks on a background with the Yxy color 78.8995, 0.3269, 0.3394.

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

78.8995, 0.3269, 0.3394

Protanopia

78.9334, 0.3247, 0.3405

Deuteranopia

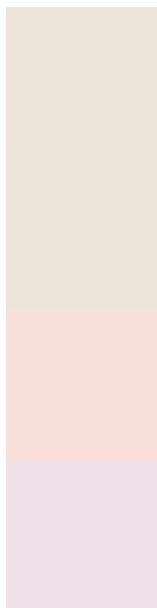
78.6699, 0.3379, 0.3311



Tritanopia

78.5994, 0.3136, 0.3108

Trichromacy



Original Color

78.8995, 0.3269, 0.3394

Protanomaly

79.1051, 0.3254, 0.3405

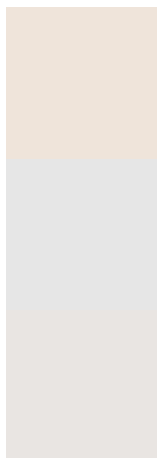
Deuteranomaly

78.5655, 0.3339, 0.3342

Tritanomaly

78.4344, 0.3187, 0.3208

Monochromacy



Original Color

78.8995, 0.3269, 0.3394

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

78.8532, 0.3174, 0.3321

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.8995, 0.3269, 0.3394 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, 228, 218)` looks like.

```
.text, #text, p{  
    color:rgb(239, 228, 218)  
}
```

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, 228, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 228, 218) }
```

Border

The CSS property to change the border of an element to Yxy 78.8995, 0.3269, 0.3394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

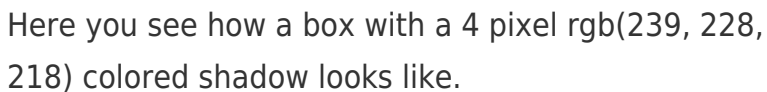
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 228, 218) }
```

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

```
.border{ border-color:rgb(239, 228, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 228, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 228, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 228, 218); box-shadow:4px 4px 4px 4px rgb(239, 228, 218) }
```


Background

The CSS property to change the background color of an element to Yxy 78.8995, 0.3269, 0.3394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 228, 218) }
```

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

```
.background{ background-color: rgb(239,  
228, 218) }
```

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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