

Converting Colors

$Y_{xy}(78.8250, 0.3203, 0.3339)$

Have a look what the booklet for
Yxy(78.8250, 0.3203, 0.3339)
contains.

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Color

Yxy(79.0826, 0.3201, 0.3342)

Conversions

Conversions Part 1

Format	Color
Hex	EBE5E0
RGB	235, 229, 224
RGB Percent	92%, 90%, 88%
CMY	0.0783, 0.1020, 0.1215
CMYK	0.00, 0.03, 0.05, 0.08
HSL	27°, 22%, 90%
HSV	27°, 5%, 92%
XYZ	75.7461, 79.0826, 81.8039
YIQ	230.2240, 5.1810, -0.2830

Conversions

Conversions Part 2

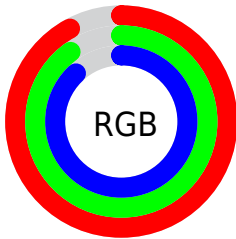
Format	Color
R _Y B	235, 233, 224
Decimal	15459808
CIE Lab	91.27, 1.19, 3.13
CIE LCh	91, 3.351, 69.254
Yxy	79.0826, 0.3201, 0.3342
Android (android.graphics.Color)	4293649888 (0xFFEBE5E0)
YUV	230.2240, -3.0684, 4.1886
Hunter-Lab	88.9284, -3.5847, 7.7099

Details

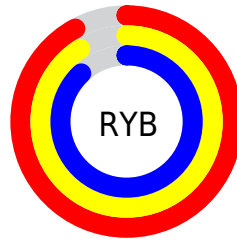
The Yxy color **79.0826, 0.3201, 0.3342** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **78.4804, 0.3055, 0.3237**, and the grayscale version is **79.3318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.7204, 0.3214, 0.3358** is the 20% darker color. If you saturate the color by 10%, you get **71.0241, 0.3376, 0.3458**, and if you desaturate by 10%, it is **87.8544, 0.3049, 0.3233**.

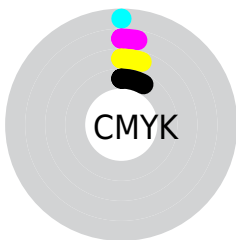
Distribution



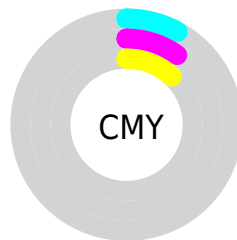
- Red (92%)
- Green (90%)
- Blue (88%)



- Red (92%)
- Yellow (91%)
- Blue (88%)



- Cyan (0%)
- Magenta (3%)
- Yellow (5%)
- Black (8%)



- Cyan (8%)
- Magenta (10%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0826, 0.3201, 0.3342 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 79.0826, 0.3201, 0.3342 by changing the saturation by 10% instead.

■ 79.0826, 0.3201,
0.3342

■ 79.0826, 0.3201,
0.3342

491.8357, 0.3167,
0.3318

■ 58.9637, 0.3209,
0.3347

132.0751, 0.3189,
0.3334

■ 42.5839, 0.3218,
0.3354

165.7176, 0.3185,
0.3331

■ 29.5588, 0.3230,
0.3362

204.6367, 0.3181,
0.3328

■ 19.5039, 0.3245,
0.3373

249.2168, 0.3178,
0.3326

■ 12.0350, 0.3266,
0.3387

299.8424, 0.3175,
0.3323

■ 6.7675, 0.3295,
0.3407

356.8978, 0.3172,

■ 3.3171, 0.3340,

0.3322

0.3438

420.7675, 0.3169,
0.3320

■ 1.2995, 0.3419,
0.3491

■ 0.1408, 0.5362,
0.4638

■ 79.0826, 0.3201,
0.3342

■ 79.0826, 0.3201,
0.3342

■ 71.0241, 0.3376,
0.3458

■ 87.8544, 0.3049,
0.3233

■ 63.6501, 0.3578,
0.3580

■ 96.2715, 0.3006,
0.3288

■ 56.9443, 0.3808,
0.3704

■ 96.4091, 0.3006,
0.3290

■ 50.8864, 0.4066,
0.3824

■ 45.4544, 0.4348,
0.3931

■ 40.6253, 0.4646,
0.4015

■ 36.3740, 0.4944,
0.4063

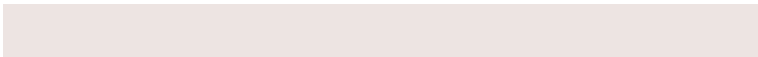
■ 32.6729, 0.5224,
0.4061

■ 29.4908, 0.5463,
0.4003

Harmonies

Analogous

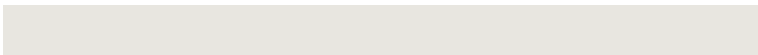
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0826, 0.3202, 0.3313



79.0826, 0.3201, 0.3342



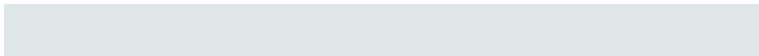
79.0826, 0.3180, 0.3357

Triad

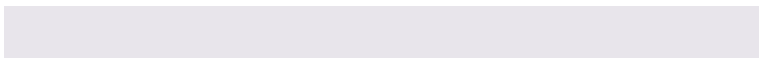
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0826, 0.3201, 0.3342



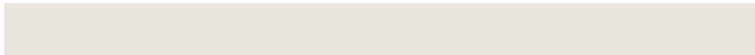
79.0826, 0.3071, 0.3302



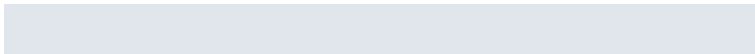
79.0826, 0.3109, 0.3227

Complementary

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



79.0826, 0.3201, 0.3342



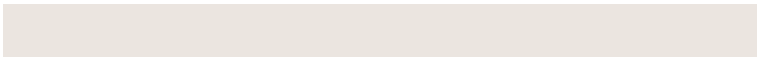
78.4804, 0.3055, 0.3237

Split Complementary

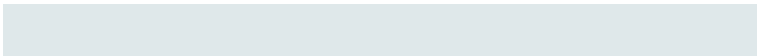
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.0826, 0.3075, 0.3224



79.0826, 0.3201, 0.3342



79.0826, 0.3053, 0.3267

Square

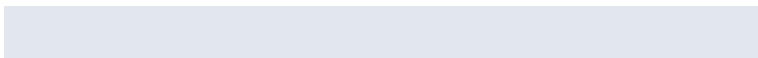
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.0826, 0.3201, 0.3342



79.0826, 0.3105, 0.3334



79.0826, 0.3054, 0.3238



79.0826, 0.3149, 0.3247

Rectangle

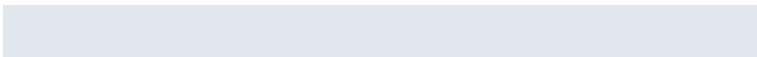
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0826, 0.3201, 0.3342



79.0826, 0.3157, 0.3357



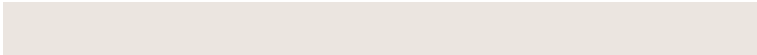
79.0826, 0.3054, 0.3238



79.0826, 0.3097, 0.3224

Sweetspot

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



79.0860, 0.3201, 0.3342



98.9474, 0.3143, 0.3301



76.7070, 0.3165, 0.3227



21.1899, 0.3142, 0.3300



0.0000, 0.0000, 0.0000



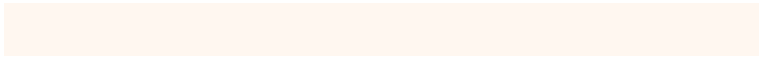
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0860, 0.3201, 0.3342



93.8138, 0.3223, 0.3357



82.1766, 0.3197, 0.3399



16.6733, 0.3233, 0.3364



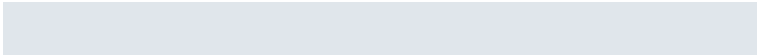
15.8211, 0.5547, 0.3978



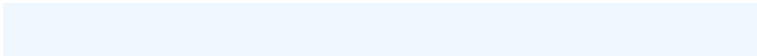
1.4321, 0.5313, 0.4164

Inverse Universe

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



78.4804, 0.3055, 0.3237



92.8859, 0.3034, 0.3222



75.4675, 0.3056, 0.3179



16.4916, 0.3025, 0.3215



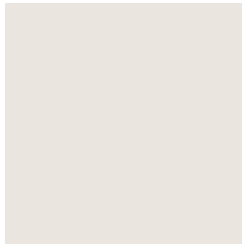
12.3260, 0.1818, 0.1746



1.1597, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 79.0826, 0.3201, 0.3342 looks on a white background.

Color Contrast Check

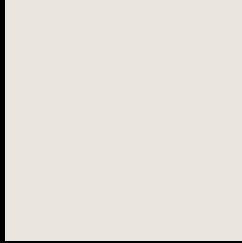
Large Text (above 18pt) WCAG AA × Fail

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 79.0826, 0.3201, 0.3342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

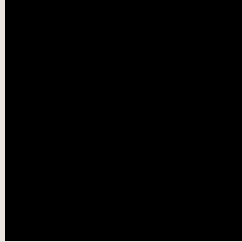
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

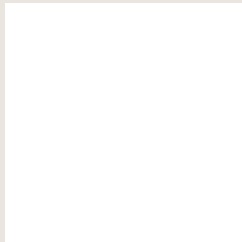
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0826, 0.3201, 0.3342

Background



This preview shows how black text looks on a background with the Yxy color 79.0826, 0.3201, 0.3342.

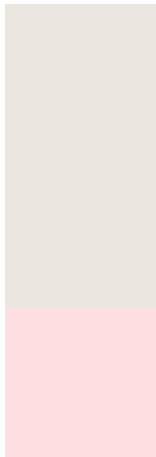


This preview shows how white text looks on a background with the Yxy color 79.0826, 0.3201, 0.3342.

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

79.0826, 0.3201, 0.3342

Protanopia

79.0826, 0.3201, 0.3342

Deuteranopia

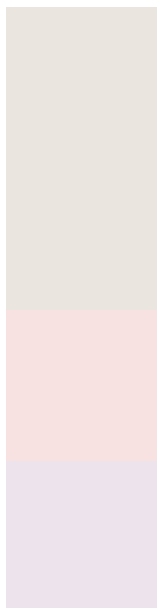
78.7496, 0.3337, 0.3261



Tritanopia

79.1015, 0.3095, 0.3107

Trichromacy



Original Color

79.0826, 0.3201, 0.3342

Protanomaly

79.0826, 0.3201, 0.3342

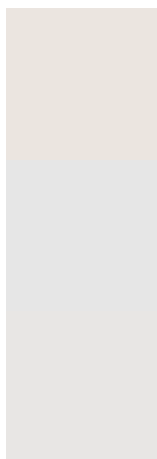
Deuteranomaly

79.0608, 0.3283, 0.3290

Tritanomaly

79.0571, 0.3132, 0.3187

Monochromacy



Original Color

79.0826, 0.3201, 0.3342

Achromatopsia

79.1298, 0.3127, 0.3290

Achromatomaly

79.3509, 0.3154, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0826, 0.3201, 0.3342 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(235, 229, 224)` looks like.

```
.text, #text, p{  
    color:rgb(235, 229, 224)  
}
```

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(235, 229, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 229, 224) }
```

Border

The CSS property to change the border of an element to Yxy 79.0826, 0.3201, 0.3342 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(235, 229, 224) }
```

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

```
.border{ border-color:rgb(235, 229, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 229, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 229, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 229, 224);  
box-shadow:4px 4px 4px 4px rgb(235, 229,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0826, 0.3201, 0.3342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 229, 224) }
```

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

```
.background{ background-color: rgb(235,  
229, 224) }
```

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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