

Converting Colors

Yxy(76.8981, 0.3254, 0.3439)

Have a look what the booklet for
Yxy(76.8981, 0.3254, 0.3439)
contains.

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Color

Yxy(76.8981, 0.3254, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	E8E3D5
RGB	232, 227, 213
RGB Percent	91%, 89%, 84%
CMY	0.0901, 0.1098, 0.1648
CMYK	0.00, 0.02, 0.08, 0.09
HSL	44°, 29%, 87%
HSV	44°, 8%, 91%
XYZ	72.7614, 76.8981, 73.9465
YIQ	226.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

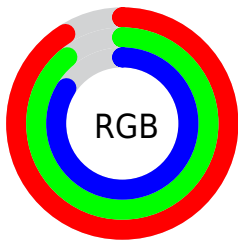
Format	Color
R _Y B	220, 232, 213
Decimal	15262677
CIE Lab	90.27, -0.69, 7.43
CIE LCh	90, 7.465, 95.274
Yxy	76.8981, 0.3254, 0.3439
Android (android.graphics.Color)	4293452757 (0xFFE8E3D5)
YUV	226.8990, -6.8522, 4.4736
Hunter-Lab	87.6916, -5.3513, 11.3874

Details

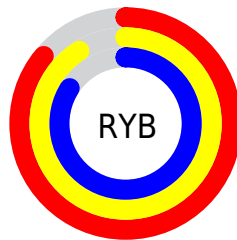
The Yxy color **76.8981, 0.3254, 0.3439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.1167, 0.3001, 0.3136**, and the grayscale version is **76.7887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.2038, 0.3283, 0.3483** is the 20% darker color. If you saturate the color by 10%, you get **72.5178, 0.3421, 0.3628**, and if you desaturate by 10%, it is **81.5727, 0.3101, 0.3258**.

Distribution



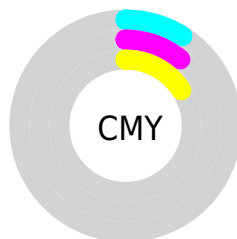
- Red (91%)
- Green (89%)
- Blue (84%)



- Red (86%)
- Yellow (91%)
- Blue (84%)



- Cyan (0%)
- Magenta (2%)
- Yellow (8%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.8981, 0.3254, 0.3439 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 76.8981, 0.3254, 0.3439 by changing the saturation by 10% instead.

■ 76.8981, 0.3254,
0.3439

■ 76.8981, 0.3254,
0.3439

484.4165, 0.3196,
0.3371

■ 57.1692, 0.3267,
0.3455

128.9956, 0.3234,
0.3415

■ 41.1411, 0.3283,
0.3474

162.1331, 0.3226,
0.3406

■ 28.4294, 0.3304,
0.3498

200.5089, 0.3219,
0.3398

■ 18.6496, 0.3330,
0.3529

244.5074, 0.3213,
0.3391

■ 11.4174, 0.3366,
0.3572

294.5130, 0.3208,
0.3385

■ 6.3483, 0.3417,
0.3633

350.9102, 0.3204,

■ 3.0580, 0.3496,

0.3380

414.0832, 0.3200,
0.3375

0.3727

■ 1.1621, 0.3657,
0.3919

■ 0.0304, 0.2855,
0.7145

■ 76.8981, 0.3254,
0.3439

■ 76.8981, 0.3254,
0.3439

■ 72.5178, 0.3421,
0.3628

■ 81.5727, 0.3101,
0.3258

■ 68.4133, 0.3600,
0.3821

■ 86.2536, 0.2987,
0.3131

■ 64.5792, 0.3789,
0.4012

■ 89.9028, 0.2987,
0.3193

■ 61.0059, 0.3982,
0.4193

■ 93.6745, 0.2987,
0.3255

■ 57.6832, 0.4172,
0.4354

■ 95.8996, 0.2988,
0.3290

■ 54.5998, 0.4351,
0.4484

■ 51.7429, 0.4511,
0.4572

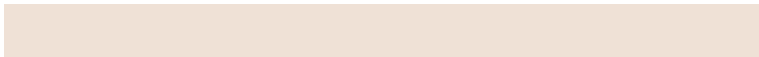
■ 49.0977, 0.4642,
0.4612

■ 46.6439, 0.4744,
0.4605

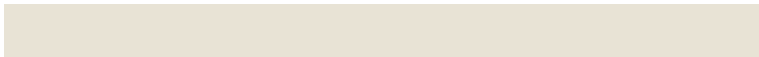
Harmonies

Analogous

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



76.8981, 0.3297, 0.3399



76.8981, 0.3254, 0.3439



76.8981, 0.3177, 0.3439

Triad

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



76.8981, 0.3254, 0.3439



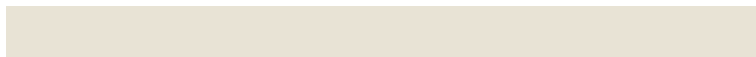
76.8981, 0.2964, 0.3246



76.8981, 0.3165, 0.3186

Complementary

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



76.8981, 0.3254, 0.3439



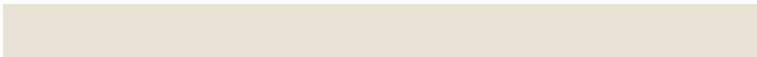
70.1167, 0.3001, 0.3136

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.



76.8981, 0.3075, 0.3146



76.8981, 0.3254, 0.3439



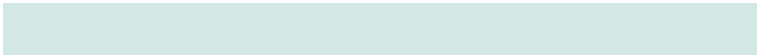
76.8981, 0.2960, 0.3179

Square

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



76.8981, 0.3254, 0.3439



76.8981, 0.3010, 0.3327



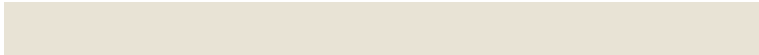
76.8981, 0.3001, 0.3143



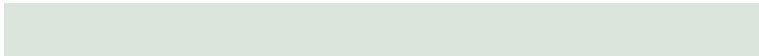
76.8981, 0.3245, 0.3253

Rectangle

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



76.8981, 0.3254, 0.3439



76.8981, 0.3118, 0.3416



76.8981, 0.3001, 0.3143



76.8981, 0.3135, 0.3169

Sweetspot

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



76.9015, 0.3254, 0.3439



98.8206, 0.3157, 0.3326



69.8049, 0.3233, 0.3236



21.1641, 0.3156, 0.3324



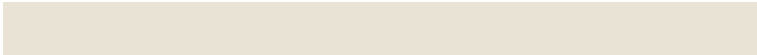
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



76.9015, 0.3254, 0.3439



94.2485, 0.3284, 0.3473



78.9546, 0.3218, 0.3493



16.1401, 0.3274, 0.3462



25.8694, 0.4750, 0.4611



2.0613, 0.4650, 0.4690

Inverse Universe

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



70.1167, 0.3001, 0.3136



84.0815, 0.2971, 0.3100



68.2247, 0.3032, 0.3083



14.5023, 0.2981, 0.3112



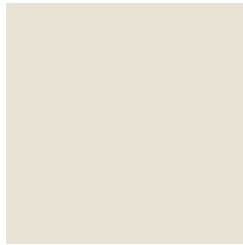
5.2741, 0.1589, 0.0920



0.5386, 0.1667, 0.1201

Previews

White Background



This preview shows how the Yxy color 76.8981, 0.3254, 0.3439 looks on a white background.

Color Contrast Check

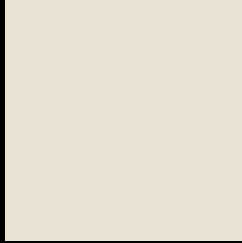
Large Text (above 18pt) WCAG AA × Fail

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 76.8981, 0.3254, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

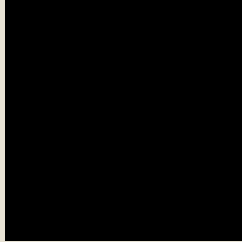
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

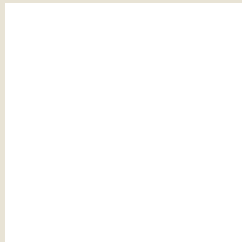
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.8981, 0.3254, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 76.8981, 0.3254, 0.3439.

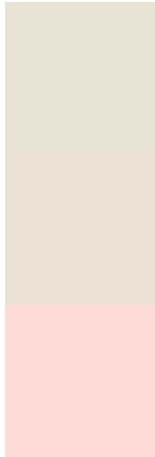


This preview shows how white text looks on a background with the Yxy color 76.8981, 0.3254, 0.3439.

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

76.8981, 0.3254, 0.3439

Protanopia

76.8590, 0.3276, 0.3428

Deuteranopia

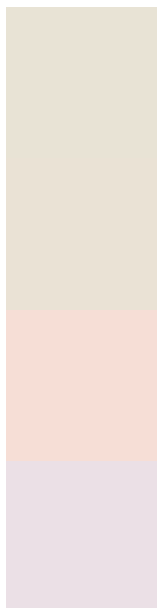
76.6402, 0.3411, 0.3331



Tritanopia

76.8995, 0.3108, 0.3115

Trichromacy



Original Color

76.8981, 0.3254, 0.3439

Protanomaly

76.6892, 0.3269, 0.3428

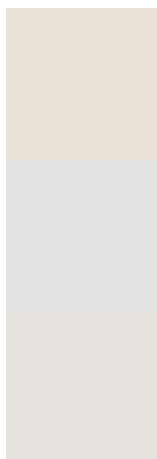
Deuteranomaly

76.6904, 0.3354, 0.3373

Tritanomaly

76.6866, 0.3165, 0.3228

Monochromacy



Original Color

76.8981, 0.3254, 0.3439

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.8701, 0.3173, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.8981, 0.3254, 0.3439 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(232, 227, 213)` looks like.

```
.text, #text, p{  
    color:rgb(232, 227, 213)  
}
```

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(232, 227, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 227, 213) }
```

Border

The CSS property to change the border of an element to Yxy 76.8981, 0.3254, 0.3439 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(232, 227, 213) }
```

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

```
.border{ border-color:rgb(232, 227, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 227, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 227, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 227, 213);  
box-shadow:4px 4px 4px 4px rgb(232, 227,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 76.8981, 0.3254, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 227, 213) }
```

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

```
.background{ background-color: rgb(232,  
227, 213) }
```

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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