

Converting Colors

Yxy(78.4833, 0.3243, 0.3438)

Have a look what the booklet for
Yxy(78.4833, 0.3243, 0.3438)
contains.

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Color

Yxy(78.2686, 0.3246, 0.3438)

Conversions

Conversions Part 1	
Format	Color
Hex	E9E5D7
RGB	233, 229, 215
RGB Percent	91%, 90%, 84%
CMY	0.0861, 0.1020, 0.1569
CMYK	0.00, 0.02, 0.08, 0.09
HSL	47°, 29%, 88%
HSV	47°, 8%, 91%
XYZ	73.8976, 78.2686, 75.4912
YIQ	228.6000, 6.8780, -3.5060

Conversions

Conversions Part 2

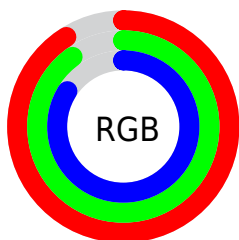
Format	Color
RYB	220, 233, 215
Decimal	15328727
CIELab	90.90, -1.02, 7.30
CIELCh	91, 7.371, 97.977
Yxy	78.2686, 0.3246, 0.3438
Android (android.graphics.Color)	4293518807 (0xFFE9E5D7)
YUV	228.6000, -6.7048, 3.8588
Hunter-Lab	88.4695, -5.7227, 11.3364

Details

The Yxy color **78.2686, 0.3246, 0.3438** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0103, 0.3008, 0.3138**, and the grayscale version is **78.0971, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.1573, 0.3272, 0.3482** is the 20% darker color. If you saturate the color by 10%, you get **74.3108, 0.3410, 0.3636**, and if you desaturate by 10%, it is **82.4908, 0.3094, 0.3248**.

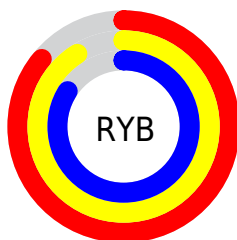
Distribution



Red (91%)

Green (90%)

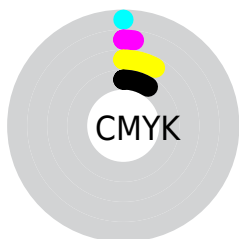
Blue (84%)



Red (86%)

Yellow (91%)

Blue (84%)

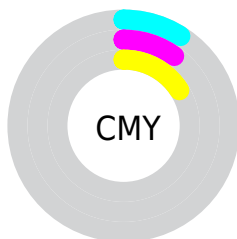


Cyan (0%)

Magenta (2%)

Yellow (8%)

Black (9%)



Cyan (9%)


Magenta (10%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2686, 0.3246, 0.3438 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 78.2686, 0.3246, 0.3438 by changing the saturation by 10% instead.

 78.2686, 0.3246,
0.3438

 78.2686, 0.3246,
0.3438


489.0785, 0.3192,
0.3370

 58.2947, 0.3258,
0.3453


130.9287, 0.3227,
0.3415

 42.0456, 0.3273,
0.3472

164.3836, 0.3220,
0.3405

 29.1370, 0.3292,
0.3496


203.1010, 0.3214,
0.3398

 19.1845, 0.3317,
0.3527

247.4653, 0.3208,
0.3391

 11.8036, 0.3350,
0.3569

297.8607, 0.3203,
0.3385

 6.6101, 0.3397,
0.3629

354.6718, 0.3199,

 3.2195, 0.3469,

0.3379

0.3721

418.2830, 0.3195,
0.3375

1.2474, 0.3601,
0.3891

0.0999, 0.4119,
0.5881

78.2686, 0.3246,
0.3438

78.2686, 0.3246,
0.3438

74.3108, 0.3410,
0.3636

82.4908, 0.3094,
0.3248

70.5994, 0.3585,
0.3839

86.5427, 0.2993,
0.3134

67.1292, 0.3767,
0.4039


89.6532, 0.2993,
0.3187


63.8911, 0.3951,
0.4228


92.8528, 0.2994,
0.3239


 60.8754, 0.4129,
0.4397

 96.0707, 0.2994,
0.3290

 58.0711, 0.4295,
0.4534

 55.4660, 0.4440,
0.4631

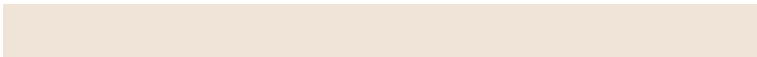
 53.0458, 0.4557,
0.4680

 50.7914, 0.4644,
0.4683

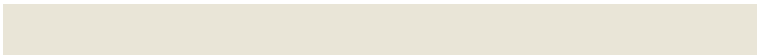
Harmonies

Analogous

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



78.2686, 0.3292, 0.3402



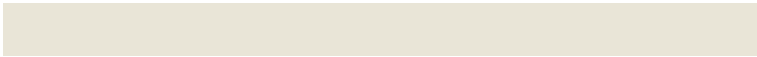
78.2686, 0.3246, 0.3438



78.2686, 0.3169, 0.3434

Triad

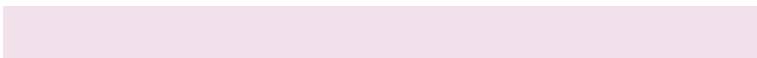
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.2686, 0.3246, 0.3438



78.2686, 0.2965, 0.3240



78.2686, 0.3172, 0.3193

Complementary

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



78.2686, 0.3246, 0.3438



71.0103, 0.3008, 0.3138

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.



78.2686, 0.3084, 0.3151



78.2686, 0.3246, 0.3438



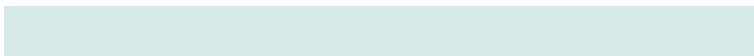
78.2686, 0.2965, 0.3177

Square

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



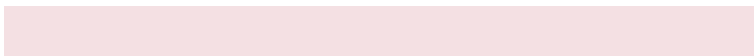
78.2686, 0.3246, 0.3438



78.2686, 0.3007, 0.3319



78.2686, 0.3009, 0.3144



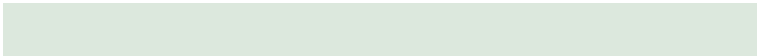
78.2686, 0.3248, 0.3260

Rectangle

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



78.2686, 0.3246, 0.3438



78.2686, 0.3110, 0.3409



78.2686, 0.3009, 0.3144



78.2686, 0.3143, 0.3175

Sweetspot

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



78.2720, 0.3246, 0.3438



98.9487, 0.3157, 0.3328



71.0488, 0.3231, 0.3245



21.1902, 0.3156, 0.3326



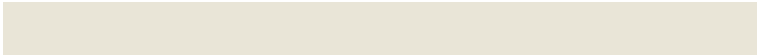
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



78.2720, 0.3246, 0.3438



95.3707, 0.3267, 0.3463



79.7384, 0.3209, 0.3482



17.0209, 0.3273, 0.3472



28.7233, 0.4653, 0.4687



2.3959, 0.4577, 0.4748

Inverse Universe

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



71.0103, 0.3008, 0.3138



85.0650, 0.2987, 0.3111



69.6633, 0.3042, 0.3095



15.0965, 0.2980, 0.3102



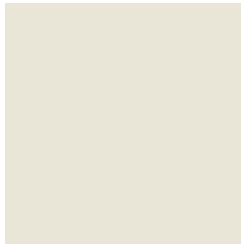
4.8953, 0.1567, 0.0841



0.5251, 0.1637, 0.1093

Previews

White Background



This preview shows how the Yxy color 78.2686, 0.3246, 0.3438 looks on a white background.

Color Contrast Check

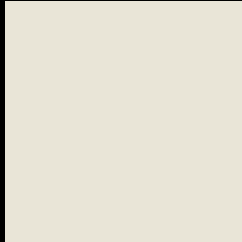
Large Text (above 18pt) WCAG AA × Fail

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 78.2686, 0.3246, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

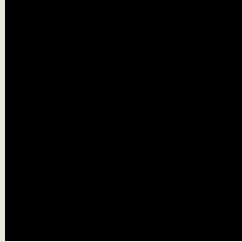
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

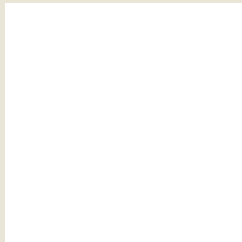
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.2686, 0.3246, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 78.2686, 0.3246, 0.3438.

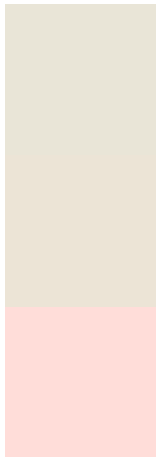


This preview shows how white text looks on a background with the Yxy color 78.2686, 0.3246, 0.3438.

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

78.2686, 0.3246, 0.3438

Protanopia

78.1747, 0.3275, 0.3437

Deuteranopia

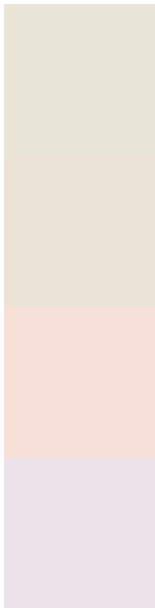
77.9827, 0.3401, 0.3331



Tritanopia

78.3260, 0.3094, 0.3106

Trichromacy



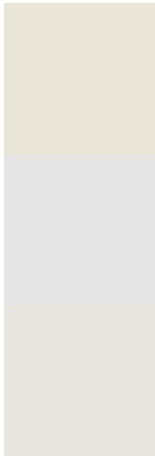
Original Color
78.2686, 0.3246, 0.3438

Protanomaly
78.0040, 0.3267, 0.3438

Deuteranomaly
78.0433, 0.3345, 0.3373

Tritanomaly
78.1088, 0.3151, 0.3218

Monochromacy



Original Color
78.2686, 0.3246, 0.3438

Achromatopsia
78.3538, 0.3127, 0.3290

Achromatomaly
78.2434, 0.3166, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2686, 0.3246, 0.3438 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(233, 229, 215) looks like.

```
.text, #text, p{  
    color:rgb(233, 229, 215)  
}
```

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(233, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 229, 215) }
```

Border

The CSS property to change the border of an element to Yxy 78.2686, 0.3246, 0.3438 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(233, 229, 215) }
```

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

```
.border{ border-color:rgb(233, 229, 215) }
```

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

Here you see how a box with a 4 pixel rgb(233, 229, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 229, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 229, 215);  
box-shadow:4px 4px 4px 4px rgb(233, 229,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2686, 0.3246, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 229, 215) }
```

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

```
.background{ background-color: rgb(233,  
229, 215) }
```

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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