

Converting Colors

$Yxy(76.5736, 0.3328, 0.3546)$

Have a look what the booklet for
Yxy(76.5736, 0.3328, 0.3546)
contains.

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Color

Yxy(76.5736, 0.3328, 0.3546)

Conversions

Conversions Part 1

Format	Color
Hex	E9E3CB
RGB	233, 227, 203
RGB Percent	91%, 89%, 80%
CMY	0.0861, 0.1098, 0.2038
CMYK	0.00, 0.03, 0.13, 0.09
HSL	48°, 41%, 86%
HSV	48°, 13%, 91%
XYZ	71.8660, 76.5736, 67.5040
YIQ	226.0580, 11.2800, -6.1920

Conversions

Conversions Part 2

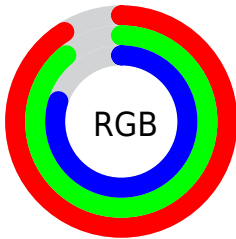
Format	Color
RYB	211, 233, 203
Decimal	15328203
CIELab	90.12, -1.92, 12.44
CIELCh	90, 12.585, 98.798
Yxy	76.5736, 0.3328, 0.3546
Android (android.graphics.Color)	4293518283 (0xFFE9E3CB)
YUV	226.0580, -11.3676, 6.0881
Hunter-Lab	87.5063, -6.5400, 15.5171

Details

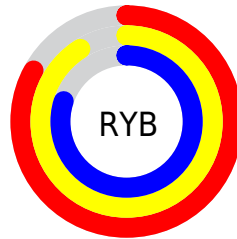
The Yxy color **76.5736, 0.3328, 0.3546** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2249, 0.2924, 0.3020**, and the grayscale version is **76.1822, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0221, 0.3370, 0.3609** is the 20% darker color. If you saturate the color by 10%, you get **73.0109, 0.3496, 0.3752**, and if you desaturate by 10%, it is **80.3803, 0.3170, 0.3346**.

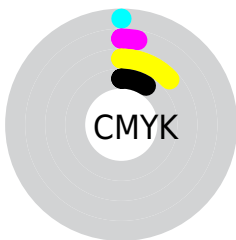
Distribution



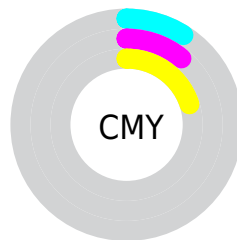
- Red (91%)
- Green (89%)
- Blue (80%)



- Red (83%)
- Yellow (91%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (13%)
- Black (9%)



- Cyan (9%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5736, 0.3328, 0.3546 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 76.5736, 0.3328, 0.3546 by changing the saturation by 10% instead.

■ 76.5736, 0.3328,
0.3546

■ 76.5736, 0.3328,
0.3546

483.3090, 0.3236,
0.3428

■ 56.9030, 0.3349,
0.3573

128.5374, 0.3296,
0.3505

■ 40.9274, 0.3374,
0.3606

161.5994, 0.3284,
0.3489

■ 28.2623, 0.3406,
0.3648

199.8939, 0.3273,
0.3476

■ 18.5235, 0.3448,
0.3702

243.8054, 0.3264,
0.3464

■ 11.3265, 0.3504,
0.3776

293.7183, 0.3256,
0.3453

■ 6.2869, 0.3582,
0.3881

350.0169, 0.3248,

■ 3.0203, 0.3701,

0.3444

0.4042

413.0857, 0.3242,
0.3436

■ 1.1423, 0.4084,
0.4525

■ 0.0138, 0.0000,
1.0000

■ 76.5736, 0.3328,
0.3546

■ 76.5736, 0.3328,
0.3546

■ 73.0109, 0.3496,
0.3752

■ 80.3803, 0.3170,
0.3346

■ 69.6742, 0.3672,
0.3959

■ 84.4284, 0.3025,
0.3156

■ 66.5581, 0.3851,
0.4160

■ 87.5189, 0.2993,
0.3151

■ 63.6536, 0.4028,
0.4344

■ 90.3401, 0.2994,
0.3198

■ 60.9505, 0.4194,
0.4501

■ 93.2337, 0.2994,
0.3245

■ 58.4374, 0.4341,
0.4621

■ 96.0717, 0.2994,
0.3290

■ 56.1015, 0.4464,
0.4698

■ 53.9272, 0.4557,
0.4726

■ 52.4615, 0.4608,
0.4723

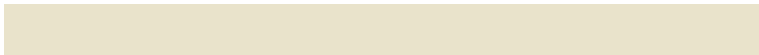
Harmonies

Analogous

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



76.5736, 0.3410, 0.3482



76.5736, 0.3328, 0.3546



76.5736, 0.3193, 0.3540

Triad

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



76.5736, 0.3328, 0.3546



76.5736, 0.2849, 0.3199



76.5736, 0.3207, 0.3127

Complementary

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



76.5736, 0.3328, 0.3546



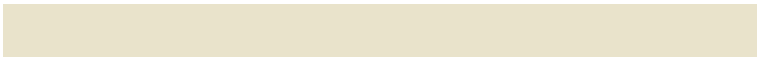
64.2249, 0.2924, 0.3020

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.



76.5736, 0.3056, 0.3054



76.5736, 0.3328, 0.3546



76.5736, 0.2852, 0.3092

Square

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



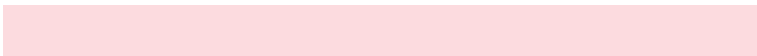
76.5736, 0.3328, 0.3546



76.5736, 0.2918, 0.3335



76.5736, 0.2927, 0.3041



76.5736, 0.3339, 0.3242

Rectangle

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



76.5736, 0.3328, 0.3546



76.5736, 0.3093, 0.3495



76.5736, 0.2927, 0.3041



76.5736, 0.3157, 0.3097

Sweetspot

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



76.5770, 0.3328, 0.3546



98.0543, 0.3188, 0.3368



64.6828, 0.3313, 0.3220



20.9105, 0.3199, 0.3383



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.



76.5770, 0.3328, 0.3546



92.9513, 0.3364, 0.3591



78.5515, 0.3260, 0.3614



17.0807, 0.3273, 0.3477



29.9347, 0.4600, 0.4729



2.4812, 0.4533, 0.4782

Inverse Universe

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



64.2249, 0.2924, 0.3020



75.4963, 0.2887, 0.2970



62.5344, 0.2983, 0.2957



15.0411, 0.2980, 0.3096



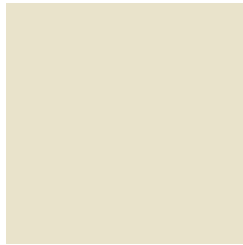
4.6322, 0.1556, 0.0802



0.4970, 0.1624, 0.1044

Previews

White Background



This preview shows how the Yxy color 76.5736, 0.3328, 0.3546 looks on a white background.

Color Contrast Check

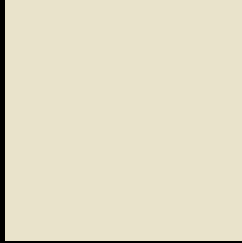
Large Text (above 18pt) WCAG AA × Fail

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 76.5736, 0.3328, 0.3546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

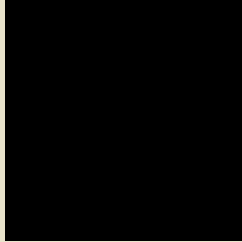
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

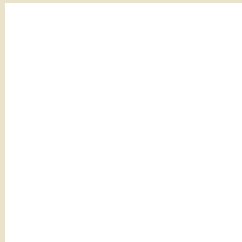
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5736, 0.3328, 0.3546

Background



This preview shows how black text looks on a background with the Yxy color 76.5736, 0.3328, 0.3546.



This preview shows how white text looks on a background with the Yxy color 76.5736, 0.3328, 0.3546.

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

76.5736, 0.3328, 0.3546

Protanopia

76.4898, 0.3358, 0.3545

Deuteranopia

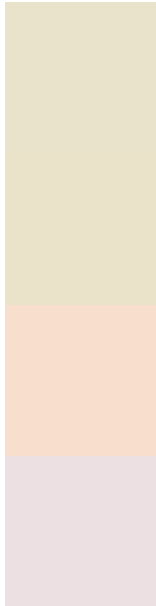
76.3793, 0.3483, 0.3423



Tritanopia

76.6517, 0.3128, 0.3116

Trichromacy



Original Color

76.5736, 0.3328, 0.3546

Protanomaly

76.3191, 0.3351, 0.3546

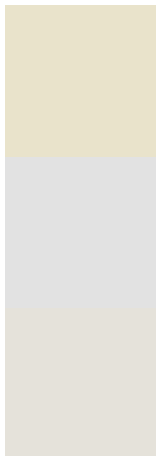
Deuteranomaly

76.4245, 0.3425, 0.3467

Tritanomaly

76.6352, 0.3199, 0.3269

Monochromacy



Original Color

76.5736, 0.3328, 0.3546

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.1127, 0.3200, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5736, 0.3328, 0.3546 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, 227, 203)` looks like.

```
.text, #text, p{  
    color:rgb(233, 227, 203)  
}
```

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, 227, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 227, 203) }
```

Border

The CSS property to change the border of an element to Yxy 76.5736, 0.3328, 0.3546 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, 227, 203) }
```

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

```
.border{ border-color:rgb(233, 227, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 227, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 227, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 227, 203);  
box-shadow:4px 4px 4px 4px rgb(233, 227,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5736, 0.3328, 0.3546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 227, 203) }
```

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

```
.background{ background-color: rgb(233,  
227, 203) }
```

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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