

Converting Colors

$Yxy(76.7183, 0.3351, 0.3530)$

Have a look what the booklet for
Yxy(76.7183, 0.3351, 0.3530)
contains.

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Color

Yxy(76.5852, 0.3344, 0.3524)

Conversions

Conversions Part 1

Format	Color
Hex	ECE2CC
RGB	236, 226, 204
RGB Percent	93%, 89%, 80%
CMY	0.0747, 0.1136, 0.2001
CMYK	0.00, 0.04, 0.14, 0.07
HSL	41°, 46%, 86%
HSV	41°, 14%, 93%
XYZ	72.6734, 76.5852, 68.0661
YIQ	226.4820, 13.0220, -4.7220

Conversions

Conversions Part 2

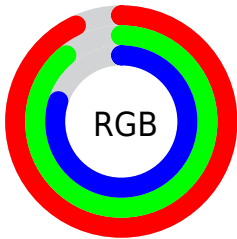
Format	Color
R _Y B	219, 236, 204
Decimal	15524556
CIE Lab	90.13, -0.25, 11.97
CIE LCh	90, 11.976, 91.189
Yxy	76.5852, 0.3344, 0.3524
Android (android.graphics.Color)	4293714636 (0xFFECE2CC)
YUV	226.4820, -11.0836, 8.3473
Hunter-Lab	87.5130, -4.9160, 15.1443

Details

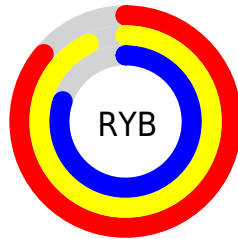
The Yxy color **76.5852, 0.3344, 0.3524** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.9355, 0.2913, 0.3045**, and the grayscale version is **76.4920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0311, 0.3392, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **71.6400, 0.3522, 0.3705**, and if you desaturate by 10%, it is **81.8790, 0.3181, 0.3350**.

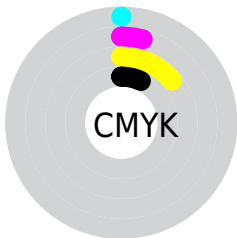
Distribution



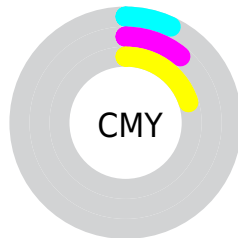
- Red (93%)
- Green (89%)
- Blue (80%)



- Red (86%)
- Yellow (93%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (14%)
- Black (7%)





- Cyan (7%)
- Magenta (11%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.5852, 0.3344, 0.3524 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 76.5852, 0.3344, 0.3524 by changing the saturation by 10% instead.


 76.5852, 0.3344,
0.3524

 76.5852, 0.3344,
0.3524

483.3486, 0.3245,
0.3417

 56.9125, 0.3366,
0.3548


128.5538, 0.3310,
0.3487

 40.9350, 0.3394,
0.3578


161.6185, 0.3296,
0.3472

 28.2683, 0.3429,
0.3616


199.9159, 0.3285,
0.3460

 18.5280, 0.3474,
0.3665

243.8305, 0.3275,
0.3449

 11.3297, 0.3535,
0.3731

293.7467, 0.3266,
0.3440

 6.2891, 0.3622,
0.3825

350.0488, 0.3258,

 3.0216, 0.3754,

0.3431

0.3969

413.1213, 0.3251,
0.3423

■ 1.1430, 0.4141,
0.4386

■ 0.0144, 0.3464,
0.6536

■ 76.5852, 0.3344,
0.3524

■ 76.5852, 0.3344,
0.3524

■ 71.6400, 0.3522,
0.3705

■ 81.8790, 0.3181,
0.3350

■ 67.0235, 0.3714,
0.3887

■ 87.5206, 0.3034,
0.3185

■ 62.7285, 0.3915,
0.4064

■ 92.1827, 0.3011,
0.3221

■ 58.7441, 0.4121,
0.4227

■ 96.5645, 0.3011,
0.3290

■ 55.0580, 0.4323,
0.4364

■ 51.6567, 0.4512,
0.4465

■ 48.5251, 0.4677,
0.4520

■ 45.6452, 0.4812,
0.4523

■ 43.9043, 0.4884,
0.4504

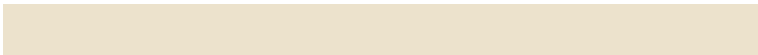
Harmonies

Analogous

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



76.5852, 0.3404, 0.3450



76.5852, 0.3344, 0.3524



76.5852, 0.3226, 0.3536

Triad

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



76.5852, 0.3344, 0.3524



76.5852, 0.2873, 0.3235



76.5852, 0.3167, 0.3113

Complementary

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



76.5852, 0.3344, 0.3524



66.9355, 0.2913, 0.3045

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.



76.5852, 0.3025, 0.3056



76.5852, 0.3344, 0.3524



76.5852, 0.2857, 0.3123

Square

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



76.5852, 0.3344, 0.3524



76.5852, 0.2954, 0.3366



76.5852, 0.2912, 0.3059



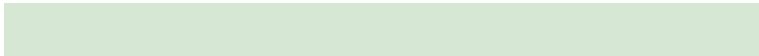
76.5852, 0.3301, 0.3214

Rectangle

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



76.5852, 0.3344, 0.3524



76.5852, 0.3131, 0.3504



76.5852, 0.2912, 0.3059



76.5852, 0.3118, 0.3088

Sweetspot

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



76.5886, 0.3344, 0.3524



97.3559, 0.3188, 0.3358



65.8619, 0.3301, 0.3182



20.7334, 0.3200, 0.3371



0.0000, 0.0000, 0.0000



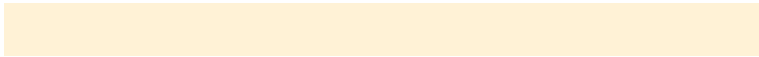
21.4041, 0.3127, 0.3290

Same Dimension

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



76.5886, 0.3344, 0.3524



89.8259, 0.3387, 0.3569



81.1596, 0.3289, 0.3630



16.7919, 0.3276, 0.3452



24.4528, 0.4870, 0.4515



2.0900, 0.4754, 0.4608

Inverse Universe

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



66.9355, 0.2913, 0.3045



76.4136, 0.2871, 0.2994



62.9087, 0.2952, 0.2936



15.3120, 0.2980, 0.3123



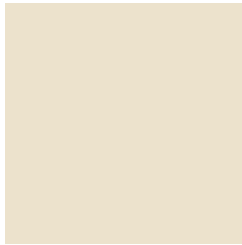
6.1884, 0.1618, 0.1025



0.6516, 0.1694, 0.1299

Previews

White Background



This preview shows how the Yxy color 76.5852, 0.3344, 0.3524 looks on a white background.

Color Contrast Check

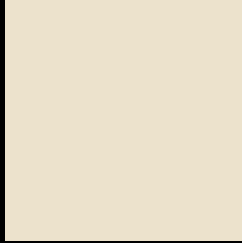
Large Text (above 18pt) WCAG AA × Fail

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 76.5852, 0.3344, 0.3524 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

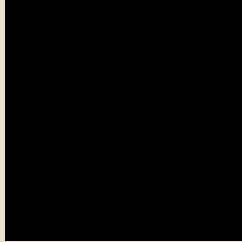
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

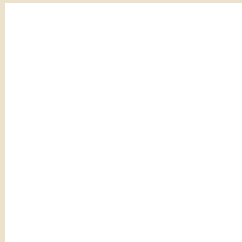
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5852, 0.3344, 0.3524

Background



This preview shows how black text looks on a background with the Yxy color 76.5852, 0.3344, 0.3524.

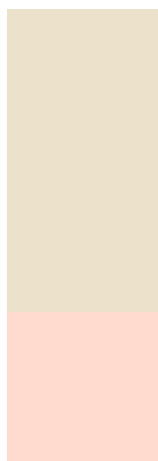


This preview shows how white text looks on a background with the Yxy color 76.5852, 0.3344, 0.3524.

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

76.5852, 0.3344, 0.3524

Protanopia

76.5852, 0.3344, 0.3524

Deuteranopia

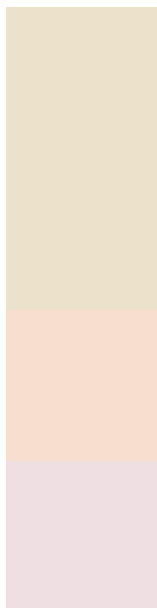
76.4280, 0.3476, 0.3413



Tritanopia

76.5867, 0.3156, 0.3117

Trichromacy



Original Color

76.5852, 0.3344, 0.3524

Protanomaly

76.5852, 0.3344, 0.3524

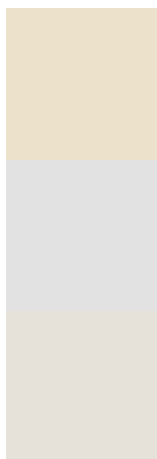
Deuteranomaly

76.6552, 0.3425, 0.3456

Tritanomaly

76.6171, 0.3221, 0.3259

Monochromacy



Original Color

76.5852, 0.3344, 0.3524

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2777, 0.3207, 0.3375

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.5852, 0.3344, 0.3524 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(236, 226, 204)` looks like.

```
.text, #text, p{  
    color:rgb(236, 226, 204)  
}
```

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(236, 226, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 226, 204) }
```

Border

The CSS property to change the border of an element to Yxy 76.5852, 0.3344, 0.3524 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(236, 226, 204) }
```

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

```
.border{ border-color:rgb(236, 226, 204) }
```

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

Here you see how a box with a 4 pixel rgb(236, 226, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 226, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 226, 204);  
box-shadow:4px 4px 4px 4px rgb(236, 226,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5852, 0.3344, 0.3524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 226, 204) }
```

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

```
.background{ background-color: rgb(236,  
226, 204) }
```

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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