

Converting Colors

$Yxy(76.4237, 0.3185, 0.3425)$

Have a look what the booklet for
Yxy(76.4237, 0.3185, 0.3425)
contains.

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Color

Yxy(76.4522, 0.3184, 0.3419)

Conversions

Conversions Part 1

Format	Color
Hex	E1E4D8
RGB	225, 228, 216
RGB Percent	88%, 89%, 85%
CMY	0.1175, 0.1059, 0.1530
CMYK	0.01, 0.00, 0.05, 0.11
HSL	75°, 18%, 87%
HSV	75°, 5%, 89%
XYZ	71.1974, 76.4522, 75.9603
YIQ	225.7350, 2.0640, -4.3680

Conversions

Conversions Part 2

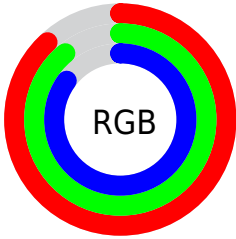
Format	Color
R _Y B	216, 228, 219
Decimal	14804184
CIE Lab	90.07, -3.10, 5.50
CIE LCh	90, 6.311, 119.421
Yxy	76.4522, 0.3184, 0.3419
Android (android.graphics.Color)	4292994264 (0xFFE1E4D8)
YUV	225.7350, -4.7994, -0.6446
Hunter-Lab	87.4369, -7.6673, 9.6981

Details

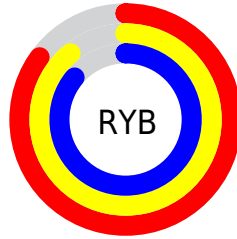
The Yxy color **76.4522, 0.3184, 0.3419** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.7571, 0.3068, 0.3159**, and the grayscale version is **75.8915, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0064, 0.3200, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **74.4703, 0.3293, 0.3675**, and if you desaturate by 10%, it is **78.6339, 0.3077, 0.3178**.

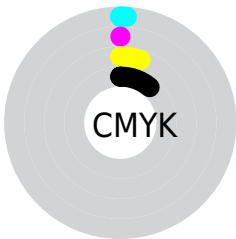
Distribution



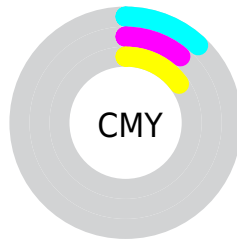
- Red (88%)
- Green (89%)
- Blue (85%)



- Red (85%)
- Yellow (89%)
- Blue (86%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)



- Cyan (12%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4522, 0.3184, 0.3419 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 76.4522, 0.3184, 0.3419 by changing the saturation by 10% instead.

■ 76.4522, 0.3184,
0.3419

■ 76.4522, 0.3184,
0.3419

482.8943, 0.3158,
0.3360

■ 56.8034, 0.3190,
0.3433

128.3659, 0.3175,
0.3398

■ 40.8474, 0.3197,
0.3449

161.3996, 0.3172,
0.3390

■ 28.1999, 0.3206,
0.3471

199.6637, 0.3169,
0.3383

■ 18.4764, 0.3218,
0.3498

243.5426, 0.3166,
0.3377

■ 11.2925, 0.3233,
0.3536

293.4207, 0.3164,
0.3372

■ 6.2640, 0.3256,
0.3591

349.6825, 0.3162,

■ 3.0062, 0.3290,

0.3367

0.3677

412.7122, 0.3160,
0.3363

■ 1.1350, 0.3355,
0.3839

■ 0.0076, 0.0000,
1.0000

■ 76.4522, 0.3184,
0.3419

■ 76.4522, 0.3184,
0.3419

■ 74.4703, 0.3293,
0.3675

■ 78.6339, 0.3077,
0.3178

■ 72.6714, 0.3402,
0.3942


■ 80.5805, 0.3014,
0.3018

■ 71.0513, 0.3507,
0.4214


■ 81.5567, 0.3051,
0.3021


■ 69.6019, 0.3601,
0.4480


■ 82.5633, 0.3089,
0.3025


 68.3147, 0.3681,
0.4730


 83.6006, 0.3126,
0.3028

 67.1800, 0.3741,
0.4952

 83.9640, 0.3139,
0.3029

 66.1870, 0.3777,
0.5137

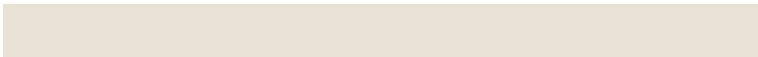
 65.3233, 0.3787,
0.5275

 64.5735, 0.3771,
0.5366

Harmonies

Analogous

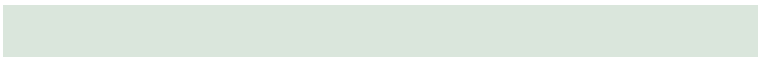
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.4522, 0.3244, 0.3412



76.4522, 0.3184, 0.3419



76.4522, 0.3109, 0.3390

Triad

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



76.4522, 0.3184, 0.3419



76.4522, 0.2983, 0.3206



76.4522, 0.3215, 0.3246

Complementary

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



76.4522, 0.3184, 0.3419



69.7571, 0.3068, 0.3159

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.



76.4522, 0.3144, 0.3193



76.4522, 0.3184, 0.3419



76.4522, 0.3011, 0.3169

Square

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



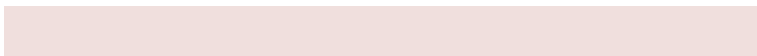
76.4522, 0.3184, 0.3419



76.4522, 0.2994, 0.3266



76.4522, 0.3069, 0.3165



76.4522, 0.3263, 0.3312

Rectangle

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



76.4522, 0.3184, 0.3419



76.4522, 0.3061, 0.3355



76.4522, 0.3069, 0.3165



76.4522, 0.3193, 0.3226

Sweetspot

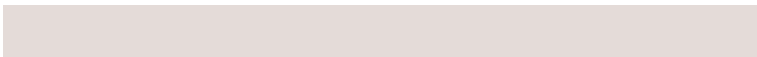
The Sweet Spot groups the original color and five complimentary colors.



76.4555, 0.3184, 0.3419



99.4388, 0.3149, 0.3339



72.0034, 0.3212, 0.3320



21.2899, 0.3148, 0.3336



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.



76.4555, 0.3184, 0.3419



98.3469, 0.3192, 0.3438



75.5306, 0.3143, 0.3421



16.7559, 0.3199, 0.3453



37.1584, 0.3765, 0.5392



2.7885, 0.3831, 0.5340

Inverse Universe

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



69.7571, 0.3068, 0.3159



88.5007, 0.3059, 0.3140



70.6807, 0.3110, 0.3161



14.9204, 0.3053, 0.3124



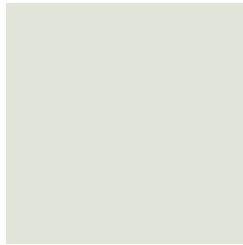
3.7676, 0.1643, 0.0679



0.3211, 0.1788, 0.0759

Previews

White Background



This preview shows how the Yxy color 76.4522, 0.3184, 0.3419 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 76.4522, 0.3184, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

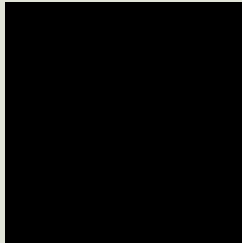
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

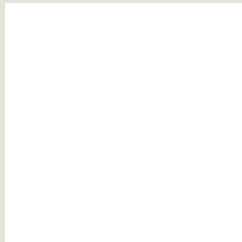
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4522, 0.3184, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 76.4522, 0.3184, 0.3419.

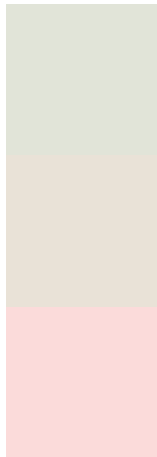


This preview shows how white text looks on a background with the Yxy color 76.4522, 0.3184, 0.3419.

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

76.4522, 0.3184, 0.3419

Protanopia

76.6226, 0.3249, 0.3407

Deuteranopia

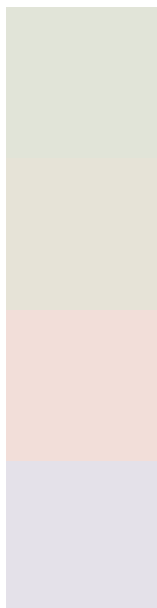
76.2342, 0.3367, 0.3301



Tritanopia

76.3801, 0.3046, 0.3103

Trichromacy



Original Color

76.4522, 0.3184, 0.3419

Protanomaly

76.6675, 0.3226, 0.3418

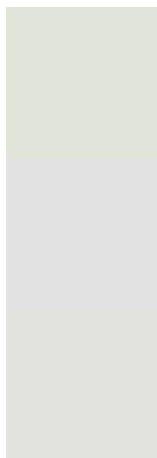
Deuteranomaly

76.1296, 0.3304, 0.3342

Tritanomaly

76.2276, 0.3096, 0.3206

Monochromacy



Original Color

76.4522, 0.3184, 0.3419

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.3808, 0.3152, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4522, 0.3184, 0.3419 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(225, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(225, 228, 216)  
}
```

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(225, 228, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 228, 216) }
```

Border

The CSS property to change the border of an element to Yxy 76.4522, 0.3184, 0.3419 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(225, 228, 216) }
```

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

```
.border{ border-color:rgb(225, 228, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 228, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 228, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 228, 216);  
box-shadow:4px 4px 4px 4px rgb(225, 228,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4522, 0.3184, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 228, 216) }
```

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

```
.background{ background-color: rgb(225,  
228, 216) }
```

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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