

Converting Colors

$Yxy(76.9387, 0.3205, 0.3418)$

Have a look what the booklet for
Yxy(76.9387, 0.3205, 0.3418)
contains.

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Color

Yxy(76.9387, 0.3205, 0.3418)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | E4E4D8 |
| RGB | 228, 228, 216 |
| RGB Percent | 89%, 89%, 85% |
| CMY | 0.1057, 0.1059, 0.1529 |
| CMYK | 0.00, 0.00, 0.05, 0.11 |
| HSL | 60°, 18%, 87% |
| HSV | 60°, 5%, 89% |
| XYZ | 72.1441, 76.9387, 76.0158 |
| YIQ | 226.6320, 3.8520, -3.7320 |

Conversions

Conversions Part 2

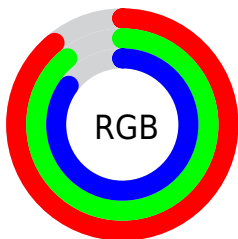
| Format | Color |
|-------------------------------------|------------------------------|
| RYP | 216, 228, 216 |
| Decimal | 15000792 |
| CIELab | 90.29, -2.06, 5.84 |
| CIElCh | 90, 6.195, 109.461 |
| Yxy | 76.9387, 0.3205, 0.3418 |
| Android (android.graphics.Color) | 4293190872 (0xFFE4E4D8) |
| YUV | 226.6320, -5.2416, 1.1997 |
| Hunter-Lab | 87.7147, -6.6870, 10.0181 |

Details

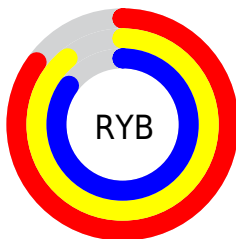
The Yxy color **76.9387, 0.3205, 0.3418** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.3460, 0.3047, 0.3159**, and the grayscale version is **76.5780, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3446, 0.3228, 0.3456** is the 20% darker color. If you saturate the color by 10%, you get **75.7853, 0.3356, 0.3667**, and if you desaturate by 10%, it is **78.2625, 0.3059, 0.3178**.

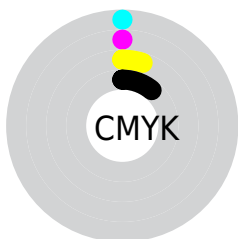
Distribution



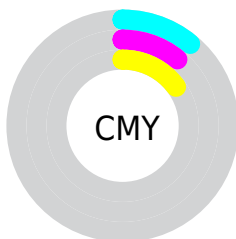
- Red (89%)
- Green (89%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9387, 0.3205, 0.3418 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 76.9387, 0.3205, 0.3418 by changing the saturation by 10% instead.

■ 76.9387, 0.3205,
0.3418

■ 76.9387, 0.3205,
0.3418

484.5550, 0.3169,
0.3359

■ 57.2026, 0.3213,
0.3431

129.0529, 0.3193,
0.3398

■ 41.1679, 0.3223,
0.3448

162.1998, 0.3188,
0.3390

■ 28.4503, 0.3235,
0.3469

200.5858, 0.3184,
0.3383

■ 18.6654, 0.3251,
0.3496

244.5952, 0.3180,
0.3377

■ 11.4287, 0.3273,
0.3533

294.6124, 0.3177,
0.3372

■ 6.3560, 0.3304,
0.3587

351.0218, 0.3174,

■ 3.0627, 0.3352,

0.3367

0.3670

414.2079, 0.3172,
0.3363

■ 1.1646, 0.3441,
0.3825

■ 0.0325, 0.0000,
1.0000

■ 76.9387, 0.3205,
0.3418

■ 76.9387, 0.3205,
0.3418

■ 75.7853, 0.3356,
0.3667

■ 78.2625, 0.3059,
0.3178

■ 74.7857, 0.3509,
0.3917

■ 79.3196, 0.2960,
0.3016

■ 73.9359, 0.3658,
0.4163


■ 79.3775, 0.2961,
0.3017


■ 73.2283, 0.3799,
0.4393


■ 79.4354, 0.2961,
0.3018


 72.6544, 0.3925,
0.4599

 79.4933, 0.2961,
0.3019

 72.2049, 0.4030,
0.4771


 79.5513, 0.2961,
0.3020

 71.8695, 0.4111,
0.4902

 79.6093, 0.2961,
0.3022

 71.6358, 0.4165,
0.4989

 79.6674, 0.2961,
0.3023

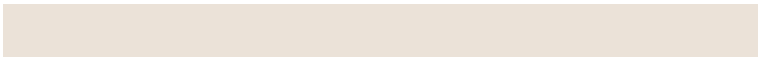
 71.4889, 0.4193,
0.5034

 79.7254, 0.2961,
0.3024

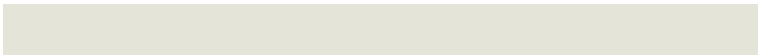
Harmonies

Analogous

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



76.9387, 0.3255, 0.3400



76.9387, 0.3205, 0.3418



76.9387, 0.3134, 0.3401

Triad

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



76.9387, 0.3205, 0.3418



76.9387, 0.2985, 0.3225



76.9387, 0.3192, 0.3228

Complementary

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



76.9387, 0.3205, 0.3418



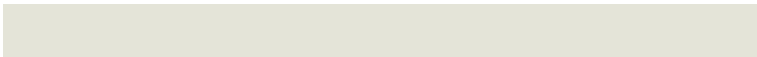
69.3460, 0.3047, 0.3159

Split Complementary

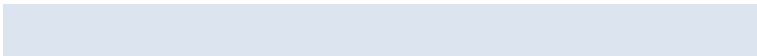
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9387, 0.3119, 0.3182



76.9387, 0.3205, 0.3418



76.9387, 0.3000, 0.3180

Square

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



76.9387, 0.3205, 0.3418



76.9387, 0.3008, 0.3289



76.9387, 0.3049, 0.3165



76.9387, 0.3248, 0.3290

Rectangle

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



76.9387, 0.3205, 0.3418



76.9387, 0.3085, 0.3372



76.9387, 0.3049, 0.3165



76.9387, 0.3169, 0.3210

Sweetspot

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



76.9420, 0.3205, 0.3418



99.6609, 0.3157, 0.3338



70.5841, 0.3214, 0.3288



21.3351, 0.3155, 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.



76.9420, 0.3205, 0.3418



99.0085, 0.3216, 0.3437



76.0362, 0.3164, 0.3420



16.8796, 0.3225, 0.3451



41.2370, 0.4201, 0.5046



3.0510, 0.4200, 0.5047

Inverse Universe

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



69.3460, 0.3047, 0.3159



87.8779, 0.3035, 0.3139



70.2200, 0.3089, 0.3160



14.8046, 0.3026, 0.3124



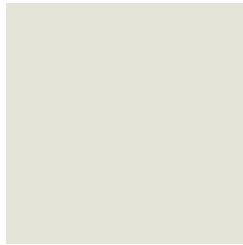
3.2523, 0.1501, 0.0603



0.2441, 0.1503, 0.0612

Previews

White Background



This preview shows how the Yxy color 76.9387, 0.3205, 0.3418 looks on a white background.

Color Contrast Check

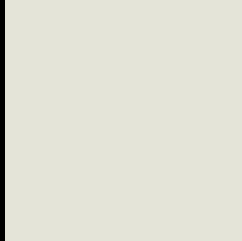
Large Text (above 18pt) WCAG AA × Fail

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 76.9387, 0.3205, 0.3418 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

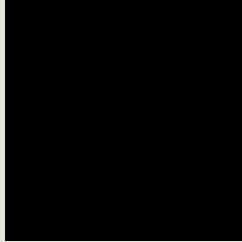
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

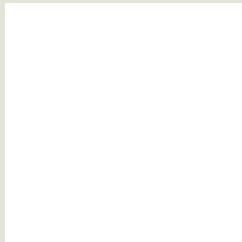
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9387, 0.3205, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 76.9387, 0.3205, 0.3418.

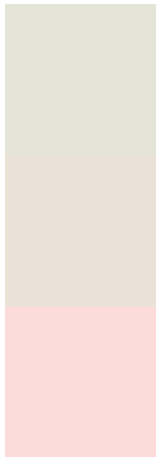


This preview shows how white text looks on a background with the Yxy color 76.9387, 0.3205, 0.3418.

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

76.9387, 0.3205, 0.3418

Protanopia

76.7914, 0.3256, 0.3406

Deuteranopia

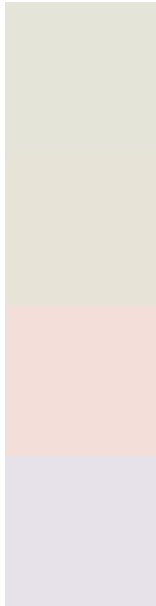
76.4204, 0.3375, 0.3301



Tritanopia

76.8779, 0.3067, 0.3104

Trichromacy



Original Color

76.9387, 0.3205, 0.3418

Protanomaly

77.0003, 0.3240, 0.3417

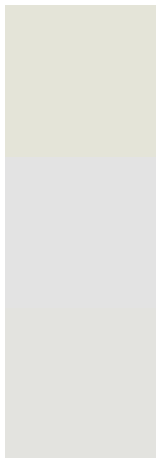
Deuteranomaly

76.3070, 0.3312, 0.3342

Tritanomaly

76.7225, 0.3117, 0.3206

Monochromacy



Original Color

76.9387, 0.3205, 0.3418

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.5968, 0.3153, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9387, 0.3205, 0.3418 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(228, 228, 216)` looks like.

```
.text, #text, p{  
    color:rgb(228, 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(228, 228, 216) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 76.9387, 0.3205, 0.3418 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(228, 228, 216) }
```

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

```
.border{ border-color:rgb(228, 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(228, 228, 216)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 76.9387, 0.3205, 0.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(228,  
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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