

Converting Colors

Yxy(76.5619, 0.3197, 0.3430)

Have a look what the booklet for
Yxy(76.5619, 0.3197, 0.3430)
contains.

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Color

Yxy(76.5619, 0.3197, 0.3430)

Conversions

Conversions Part 1

Format	Color
Hex	E2E4D7
RGB	226, 228, 215
RGB Percent	89%, 89%, 84%
CMY	0.1139, 0.1058, 0.1570
CMYK	0.01, 0.00, 0.06, 0.11
HSL	69°, 19%, 87%
HSV	69°, 6%, 89%
XYZ	71.3610, 76.5619, 75.2896
YIQ	225.9200, 2.9810, -4.4670

Conversions

Conversions Part 2

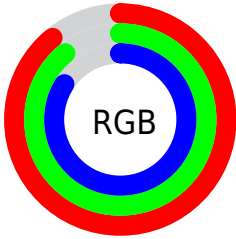
Format	Color
R_{YB}	215, 228, 217
Decimal	14869719
CIE _{Lab}	90.12, -2.97, 6.11
CIE _{LCh}	90, 6.792, 115.938
Yxy	76.5619, 0.3197, 0.3430
Android (android.graphics.Color)	4293059799 (0xFFE2E4D7)
YUV	225.9200, -5.3836, 0.0702
Hunter-Lab	87.4997, -7.5473, 10.2333

Details

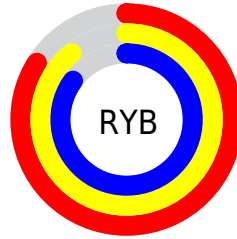
The Yxy color **76.5619, 0.3197, 0.3430** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9485, 0.3055, 0.3147**, and the grayscale version is **76.0276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0831, 0.3218, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **74.8978, 0.3321, 0.3684**, and if you desaturate by 10%, it is **78.4083, 0.3076, 0.3188**.

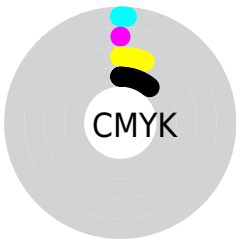
Distribution



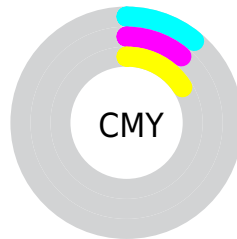
- Red (89%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (85%)



- Cyan (1%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (11%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.5619, 0.3197, 0.3430 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 76.5619, 0.3197, 0.3430 by changing the saturation by 10% instead.

■ 76.5619, 0.3197,
0.3430

■ 76.5619, 0.3197,
0.3430

483.2690, 0.3165,
0.3365

■ 56.8934, 0.3204,
0.3445

128.5209, 0.3186,
0.3408

■ 40.9196, 0.3213,
0.3463

161.5801, 0.3182,
0.3399

■ 28.2563, 0.3224,
0.3486

199.8717, 0.3178,
0.3391

■ 18.5190, 0.3239,
0.3516

243.7801, 0.3175,
0.3385

■ 11.3232, 0.3258,
0.3557

293.6896, 0.3172,
0.3379

■ 6.2847, 0.3285,
0.3616

349.9847, 0.3169,

■ 3.0189, 0.3328,

0.3374

0.3709

413.0497, 0.3167,
0.3370

■ 1.1416, 0.3411,
0.3889

■ 0.0132, 0.0000,
1.0000

■ 76.5619, 0.3197,
0.3430

■ 76.5619, 0.3197,
0.3430

■ 74.8978, 0.3321,
0.3684

■ 78.4083, 0.3076,
0.3188

■ 73.3991, 0.3446,
0.3946


■ 80.0686, 0.2994,
0.3017


■ 72.0620, 0.3565,
0.4208

■ 80.6814, 0.3017,
0.3019

■ 70.8786, 0.3676,
0.4461


■ 81.3066, 0.3041,
0.3021

 69.8405, 0.3771,
0.4695


 81.9443, 0.3065,
0.3023

 68.9381, 0.3846,
0.4898


 82.5946, 0.3089,
0.3025

 68.1609, 0.3896,
0.5061

 83.2576, 0.3114,
0.3027

 67.4965, 0.3920,
0.5179

 83.9332, 0.3138,
0.3029

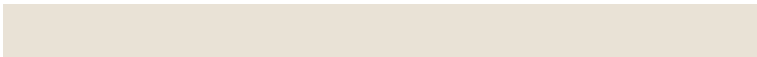
 66.9298, 0.3919,
0.5252

 83.9778, 0.3139,
0.3029

Harmonies

Analogous

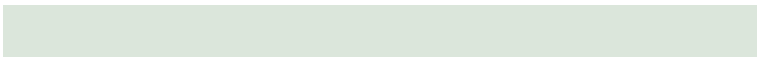
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.5619, 0.3259, 0.3418



76.5619, 0.3197, 0.3430



76.5619, 0.3117, 0.3404

Triad

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



76.5619, 0.3197, 0.3430



76.5619, 0.2972, 0.3206



76.5619, 0.3214, 0.3235

Complementary

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



76.5619, 0.3197, 0.3430



68.9485, 0.3055, 0.3147

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.



76.5619, 0.3136, 0.3181



76.5619, 0.3197, 0.3430



76.5619, 0.2997, 0.3163

Square

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



76.5619, 0.3197, 0.3430



76.5619, 0.2988, 0.3273



76.5619, 0.3056, 0.3154



76.5619, 0.3269, 0.3305

Rectangle

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



76.5619, 0.3197, 0.3430



76.5619, 0.3064, 0.3367



76.5619, 0.3056, 0.3154



76.5619, 0.3189, 0.3215

Sweetspot

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



76.5652, 0.3197, 0.3430



99.5234, 0.3152, 0.3339



70.9934, 0.3221, 0.3311



21.3071, 0.3150, 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.



76.5652, 0.3197, 0.3430



98.3725, 0.3213, 0.3463



75.5471, 0.3152, 0.3432



16.7669, 0.3220, 0.3476



38.5540, 0.3918, 0.5271



2.8801, 0.3960, 0.5237

Inverse Universe

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



68.9485, 0.3055, 0.3147



86.3950, 0.3038, 0.3113



69.9516, 0.3101, 0.3149



14.5787, 0.3030, 0.3099



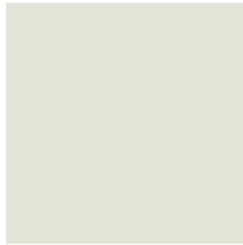
3.4840, 0.1568, 0.0637



0.2910, 0.1687, 0.0703

Previews

White Background



This preview shows how the Yxy color 76.5619, 0.3197, 0.3430 looks on a white background.

Color Contrast Check

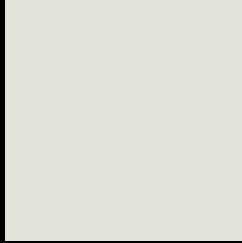
Large Text (above 18pt) WCAG AA × Fail

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 76.5619, 0.3197, 0.3430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

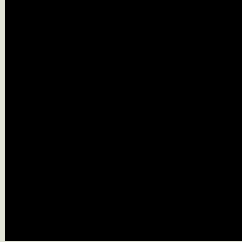
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

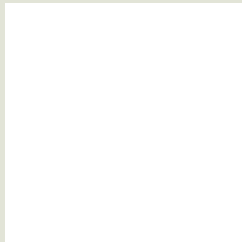
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.5619, 0.3197, 0.3430

Background



This preview shows how black text looks on a background with the Yxy color 76.5619, 0.3197, 0.3430.

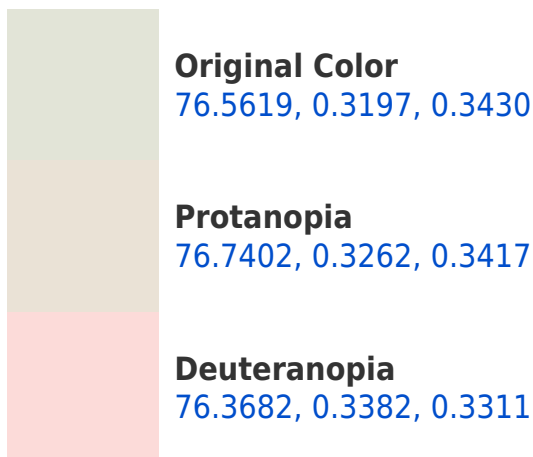


This preview shows how white text looks on a background with the Yxy color 76.5619, 0.3197, 0.3430.

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

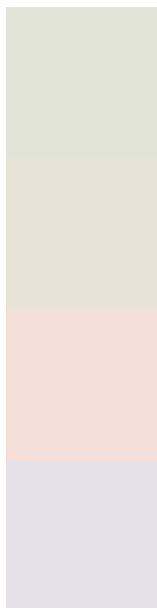




Tritanopia

76.5451, 0.3053, 0.3103

Trichromacy



Original Color

76.5619, 0.3197, 0.3430

Protanomaly

76.7821, 0.3240, 0.3428

Deuteranomaly

76.2551, 0.3319, 0.3353

Tritanomaly

76.3346, 0.3110, 0.3216

Monochromacy



Original Color

76.5619, 0.3197, 0.3430

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 76.5619, 0.3197, 0.3430 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(226, 228, 215)` looks like.

```
.text, #text, p{  
    color:rgb(226, 228, 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(226, 228, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 228, 215) }
```

Border

The CSS property to change the border of an element to Yxy 76.5619, 0.3197, 0.3430 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(226, 228, 215) }
```

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

```
.border{ border-color:rgb(226, 228, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 228, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 228, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 228, 215);  
box-shadow:4px 4px 4px 4px rgb(226, 228,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 76.5619, 0.3197, 0.3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 228, 215) }
```

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

```
.background{ background-color: rgb(226,  
228, 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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