

Converting Colors

Yxy(76.8714, 0.3130, 0.3322)

Have a look what the booklet for
Yxy(76.8714, 0.3130, 0.3322)
contains.

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Color

Yxy(76.9306, 0.3126, 0.3322)

Conversions

Conversions Part 1	
Format	Color
Hex	E1E4E1
RGB	225, 228, 225
RGB Percent	88%, 89%, 88%
CMY	0.1175, 0.1059, 0.1177
CMYK	0.01, 0.00, 0.01, 0.11
HSL	119°, 5%, 89%
HSV	119°, 1%, 89%
XYZ	72.3916, 76.9306, 82.2569
YIQ	226.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

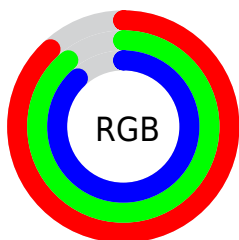
Format	Color
RYB	225, 228, 228
Decimal	14804193
CIELab	90.29, -1.53, 1.11
CIELCh	90, 1.885, 144.081
Yxy	76.9306, 0.3126, 0.3322
Android (android.graphics.Color)	4292994273 (0xFFE1E4E1)
YUV	226.7610, -0.8682, -1.5444
Hunter-Lab	87.7101, -6.1674, 5.7933

Details

The Yxy color **76.9306, 0.3126, 0.3322** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.9297, 0.3128, 0.3258**, and the grayscale version is **76.6450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3355, 0.3125, 0.3331** is the 20% darker color. If you saturate the color by 10%, you get **72.4002, 0.3116, 0.3584**, and if you desaturate by 10%, it is **82.1072, 0.3134, 0.3094**.

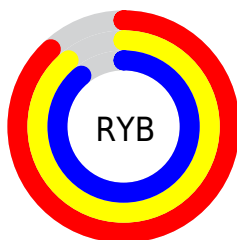
Distribution



Red (88%)

Green (89%)

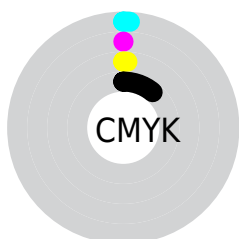
Blue (88%)



Red (88%)

Yellow (89%)

Blue (89%)

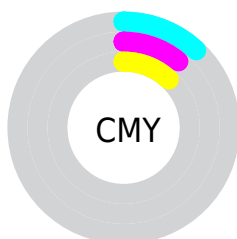


Cyan (1%)

Magenta (0%)

Yellow (1%)

Black (11%)



Cyan (12%)


Magenta (11%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.9306, 0.3126, 0.3322 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 76.9306, 0.3126, 0.3322 by changing the saturation by 10% instead.


 76.9306, 0.3126,
0.3322

 76.9306, 0.3126,
0.3322

484.5274, 0.3127,
0.3307

 57.1959, 0.3126,
0.3325


129.0415, 0.3126,
0.3317

 41.1626, 0.3126,
0.3329


162.1865, 0.3126,
0.3315

 28.4461, 0.3125,
0.3335


200.5704, 0.3126,
0.3313

 18.6622, 0.3125,
0.3341

244.5777, 0.3126,
0.3312

 11.4265, 0.3125,
0.3350

294.5926, 0.3126,
0.3311

 6.3545, 0.3124,
0.3364


350.9996, 0.3127,


 3.0618, 0.3123,


0.3309

0.3384


414.1830, 0.3127,
0.3308


 1.1641, 0.3121,
0.3420


 0.0321, 0.0000,
1.0000


 76.9306, 0.3126,
0.3322


 76.9306, 0.3126,
0.3322


 72.4002, 0.3116,
0.3584


 82.1072, 0.3134,
0.3094


 68.4811, 0.3105,
0.3881


 83.9651, 0.3139,
0.3029


 65.1502, 0.3092,
0.4210


 62.3792, 0.3077,
0.4561

 60.1374, 0.3061,
0.4920

 58.3909, 0.3045,
0.5264

 57.1024, 0.3030,
0.5563

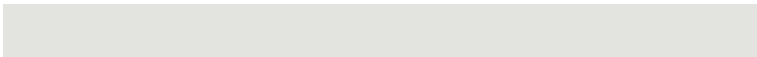
 56.2289, 0.3017,
0.5793

 55.7195, 0.3007,
0.5936

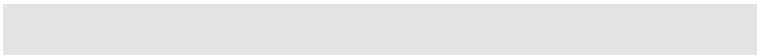
Harmonies

Analogous

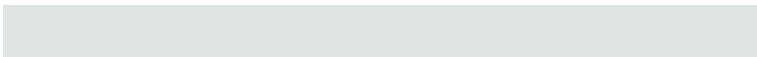
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9306, 0.3148, 0.3329



76.9306, 0.3126, 0.3322



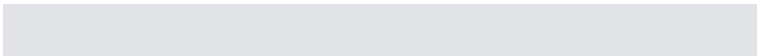
76.9306, 0.3104, 0.3307

Triad

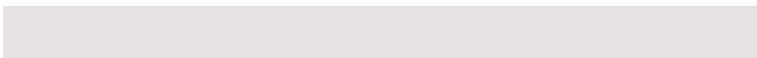
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9306, 0.3126, 0.3322



76.9306, 0.3090, 0.3255



76.9306, 0.3166, 0.3293

Complementary

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



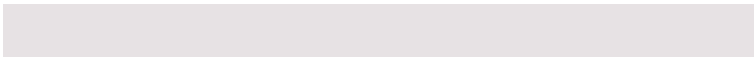
76.9306, 0.3126, 0.3322



75.9297, 0.3128, 0.3258

Split Complementary

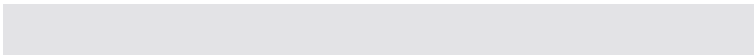
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9306, 0.3150, 0.3274



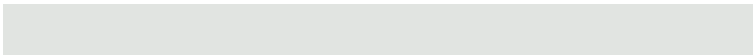
76.9306, 0.3126, 0.3322



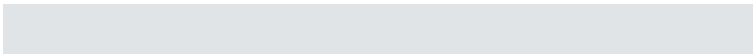
76.9306, 0.3106, 0.3252

Square

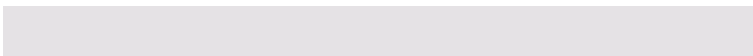
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



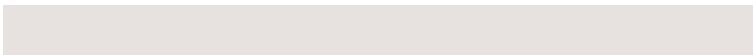
76.9306, 0.3126, 0.3322



76.9306, 0.3084, 0.3268



76.9306, 0.3128, 0.3259



76.9306, 0.3171, 0.3312

Rectangle

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



76.9306, 0.3126, 0.3322



76.9306, 0.3093, 0.3294



76.9306, 0.3128, 0.3259



76.9306, 0.3161, 0.3287

Sweetspot

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



76.9339, 0.3126, 0.3322

100.0000, 0.3127, 0.3290



77.3864, 0.3146, 0.3321



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



76.9339, 0.3126, 0.3322



98.7369, 0.3125, 0.3339



77.0057, 0.3116, 0.3307



16.8617, 0.3125, 0.3336



32.0591, 0.3004, 0.5997



2.3731, 0.3014, 0.5989

Inverse Universe

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



75.9297, 0.3128, 0.3258



96.7732, 0.3129, 0.3241



75.8573, 0.3138, 0.3274



16.5464, 0.3129, 0.3244



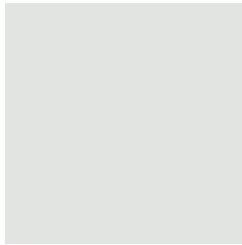
12.4140, 0.3168, 0.1519



0.9212, 0.3175, 0.1523

Previews

White Background



This preview shows how the Yxy color 76.9306, 0.3126, 0.3322 looks on a white background.

Color Contrast Check

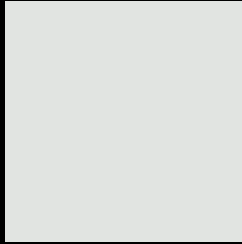
Large Text (above 18pt) WCAG AA × Fail

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 76.9306, 0.3126, 0.3322 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

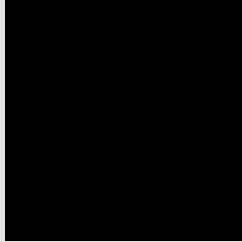
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

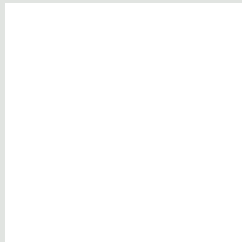
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9306, 0.3126, 0.3322

Background



This preview shows how black text looks on a background with the Yxy color 76.9306, 0.3126, 0.3322.

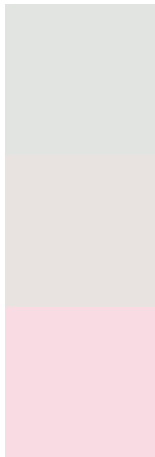


This preview shows how white text looks on a background with the Yxy color 76.9306, 0.3126, 0.3322.

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

76.9306, 0.3126, 0.3322

Protanopia

76.9303, 0.3182, 0.3311

Deuteranopia

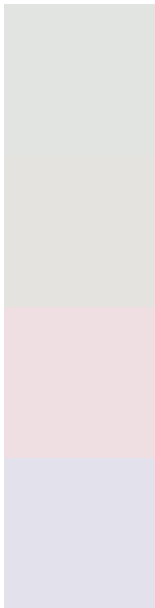
76.8722, 0.3289, 0.3220



Tritanopia

76.8155, 0.3033, 0.3103

Trichromacy



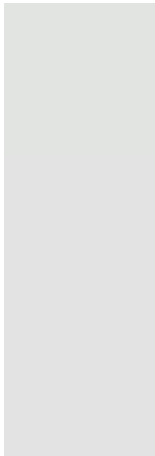
Original Color
76.9306, 0.3126, 0.3322

Protanomaly
76.9780, 0.3160, 0.3322

Deuteranomaly
76.7916, 0.3228, 0.3259

Tritanomaly
76.7797, 0.3070, 0.3185

Monochromacy



Original Color
76.9306, 0.3126, 0.3322

Achromatopsia
76.8151, 0.3127, 0.3290

Achromatomaly
76.5979, 0.3127, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9306, 0.3126, 0.3322 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, 225) looks like.

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

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, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 76.9306, 0.3126, 0.3322 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, 225) }
```

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

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

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, 225) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Yxy 76.9306, 0.3126, 0.3322 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, 225) }
```

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

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

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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double the colors in the color bucket, and more
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