

Converting Colors

$Yxy(74.8094, 0.3104, 0.3230)$

Have a look what the booklet for
Yxy(74.8094, 0.3104, 0.3230)
contains.

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Color

Yxy(74.9760, 0.3102, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E1E0E5
RGB	225, 224, 229
RGB Percent	88%, 88%, 90%
CMY	0.1176, 0.1215, 0.1020
CMYK	0.02, 0.02, 0.00, 0.10
HSL	252°, 9%, 89%
HSV	252°, 2%, 90%
XYZ	71.8491, 74.9760, 84.7968
YIQ	224.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

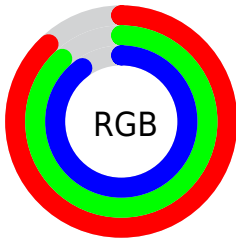
Format	Color
R _Y B	225, 224, 229
Decimal	14803173
CIE Lab	89.38, 1.24, -2.32
CIE LCh	89, 2.628, 298.232
Yxy	74.9760, 0.3102, 0.3237
Android (android.graphics.Color)	4292993253 (0xFFE1E0E5)
YUV	224.8690, 2.0366, 0.1149
Hunter-Lab	86.5887, -3.4154, 2.5491

Details

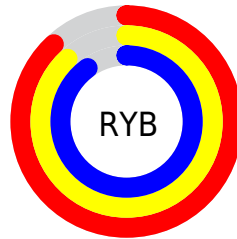
The Yxy color **74.9760, 0.3102, 0.3237** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8986, 0.3152, 0.3343**, and the grayscale version is **75.1836, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9780, 0.3094, 0.3221** is the 20% darker color. If you saturate the color by 10%, you get **60.7067, 0.2975, 0.2975**, and if you desaturate by 10%, it is **91.2235, 0.3211, 0.3470**.

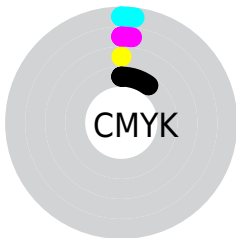
Distribution



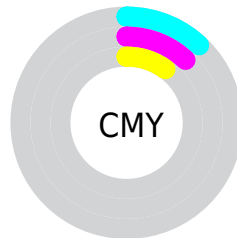
- Red (88%)
- Green (88%)
- Blue (90%)



- Red (88%)
- Yellow (88%)
- Blue (90%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (12%)
- Magenta (12%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9760, 0.3102, 0.3237 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 74.9760, 0.3102, 0.3237 by changing the saturation by 10% instead.

■ 74.9760, 0.3102,
0.3237

■ 74.9760, 0.3102,
0.3237

477.8351, 0.3114,
0.3261

■ 55.5932, 0.3099,
0.3231

126.2784, 0.3106,
0.3245

■ 39.8769, 0.3096,
0.3225

158.9668, 0.3108,
0.3249

■ 27.4426, 0.3092,
0.3216

196.8592, 0.3109,
0.3252

■ 17.9059, 0.3086,
0.3205

240.3400, 0.3110,
0.3254

■ 10.8824, 0.3079,
0.3189

289.7936, 0.3111,
0.3256

■ 5.9878, 0.3068,
0.3167

345.6044, 0.3112,

■ 2.8377, 0.3052,

0.3258

0.3133

408.1567, 0.3113,
0.3260

■ 1.0476, 0.3021,
0.3073

■ 0.0000, 0.0000,
0.0000

■ 74.9760, 0.3102,
0.3237

■ 74.9760, 0.3102,
0.3237

■ 60.7067, 0.2975,
0.2975

■ 91.2235, 0.3211,
0.3470

■ 48.3303, 0.2830,
0.2684

■ 98.4359, 0.3280,
0.3542

■ 37.7695, 0.2667,
0.2369

■ 28.9380, 0.2489,
0.2036

■ 21.7423, 0.2301,
0.1699

■ 16.0803, 0.2112,
0.1379

■ 11.8376, 0.1934,
0.1096

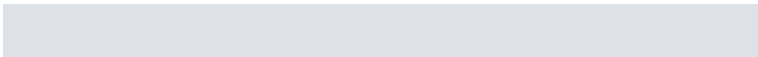
■ 8.8839, 0.1780,
0.0872

■ 7.0637, 0.1659,
0.0721

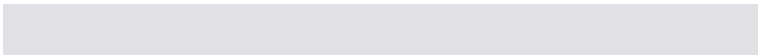
Harmonies

Analogous

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



74.9760, 0.3078, 0.3240



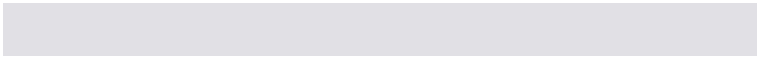
74.9760, 0.3102, 0.3237



74.9760, 0.3133, 0.3248

Triad

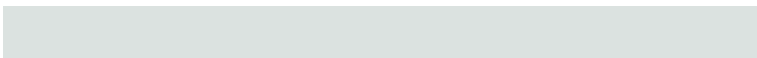
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9760, 0.3102, 0.3237



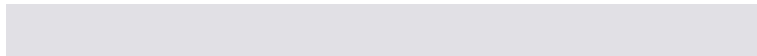
74.9760, 0.3188, 0.3324



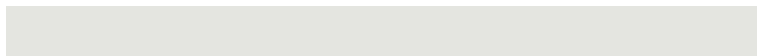
74.9760, 0.3091, 0.3310

Complementary

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



74.9760, 0.3102, 0.3237



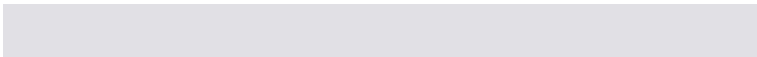
77.8986, 0.3152, 0.3343

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.



74.9760, 0.3121, 0.3333



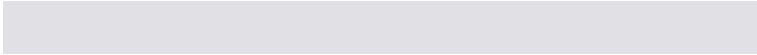
74.9760, 0.3102, 0.3237



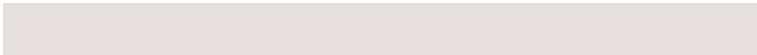
74.9760, 0.3177, 0.3341

Square

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



74.9760, 0.3102, 0.3237



74.9760, 0.3183, 0.3298



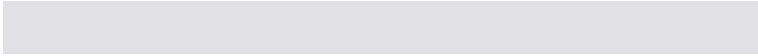
74.9760, 0.3152, 0.3344



74.9760, 0.3072, 0.3282

Rectangle

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



74.9760, 0.3102, 0.3237



74.9760, 0.3154, 0.3262



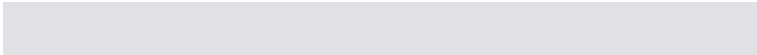
74.9760, 0.3152, 0.3344



74.9760, 0.3101, 0.3318

Sweetspot

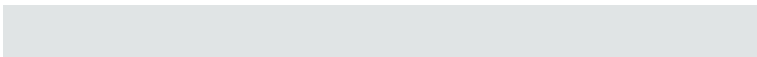
The Sweet Spot groups the original color and five complimentary colors.



74.9792, 0.3102, 0.3237



97.9998, 0.3116, 0.3266



76.9820, 0.3094, 0.3279



20.9971, 0.3116, 0.3267



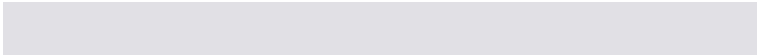
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



74.9792, 0.3102, 0.3237



94.0762, 0.3092, 0.3216



75.3802, 0.3119, 0.3237



15.8036, 0.3083, 0.3197



3.6103, 0.1602, 0.0656



0.3055, 0.1736, 0.0730

Inverse Universe

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



75.5687, 0.3136, 0.3248



95.1167, 0.3140, 0.3232



77.4964, 0.3135, 0.3343



16.0252, 0.3143, 0.3217



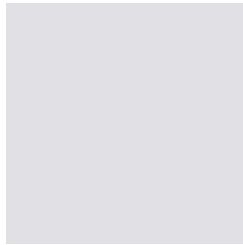
11.4910, 0.3795, 0.1864



0.8618, 0.3693, 0.1808

Previews

White Background



This preview shows how the Yxy color 74.9760, 0.3102, 0.3237 looks on a white background.

Color Contrast Check

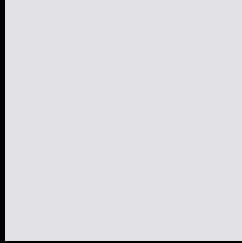
Large Text (above 18pt) WCAG AA × Fail

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 74.9760, 0.3102, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

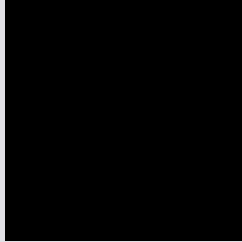
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

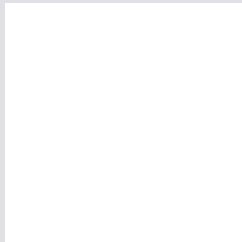
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9760, 0.3102, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 74.9760, 0.3102, 0.3237.

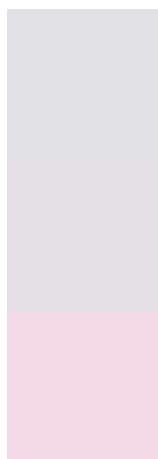


This preview shows how white text looks on a background with the Yxy color 74.9760, 0.3102, 0.3237.

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

74.9760, 0.3102, 0.3237

Protanopia

74.7634, 0.3116, 0.3226

Deuteranopia

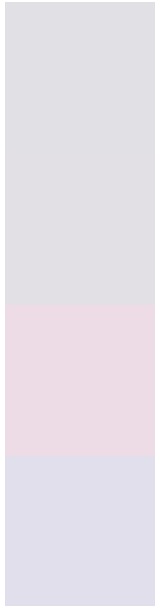
75.0891, 0.3234, 0.3167



Tritanopia

74.8647, 0.3046, 0.3101

Trichromacy



Original Color

74.9760, 0.3102, 0.3237

Protanomaly

74.6012, 0.3109, 0.3226

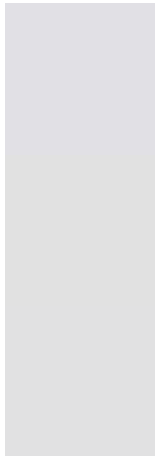
Deuteranomaly

74.9041, 0.3182, 0.3186

Tritanomaly

75.0002, 0.3064, 0.3153

Monochromacy



Original Color

74.9760, 0.3102, 0.3237

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3490, 0.3121, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9760, 0.3102, 0.3237 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, 224, 229)` looks like.

```
.text, #text, p{  
    color:rgb(225, 224, 229)  
}
```

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, 224, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 224, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.9760, 0.3102, 0.3237 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, 224, 229) }
```

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

```
.border{ border-color:rgb(225, 224, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 224, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 224, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 224, 229);  
box-shadow:4px 4px 4px 4px rgb(225, 224,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9760, 0.3102, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 224, 229) }
```

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

```
.background{ background-color: rgb(225,  
224, 229) }
```

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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