

Converting Colors

Yxy(76.9621, 0.3111, 0.3206)

Have a look what the booklet for
Yxy(76.9621, 0.3111, 0.3206)
contains.

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Color

Yxy(77.3221, 0.3110, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	E7E2EA
RGB	231, 226, 234
RGB Percent	91%, 89%, 92%
CMY	0.0944, 0.1136, 0.0824
CMYK	0.01, 0.03, 0.00, 0.08
HSL	277°, 16%, 90%
HSV	277°, 3%, 92%
XYZ	74.9834, 77.3221, 88.7987
YIQ	228.4070, 0.4120, 3.5480

Conversions

Conversions Part 2

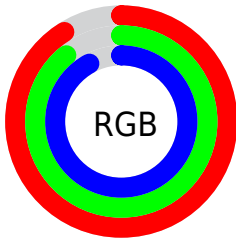
Format	Color
R _Y B	231, 226, 234
Decimal	15196906
CIE Lab	90.47, 3.08, -3.29
CIE LCh	90, 4.509, 313.140
Yxy	77.3221, 0.3110, 0.3207
Android (android.graphics.Color)	4293386986 (0xFFE7E2EA)
YUV	228.4070, 2.7573, 2.2741
Hunter-Lab	87.9330, -1.6698, 1.6794

Details

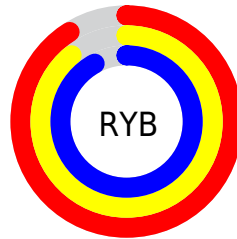
The Yxy color `77.3221, 0.3110, 0.3207` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `80.9980, 0.3144, 0.3373`, and the grayscale version is `77.8706, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.4541, 0.3105, 0.3195` is the 20% darker color. If you saturate the color by 10%, you get `64.0003, 0.3053, 0.2950`, and if you desaturate by 10%, it is `92.4635, 0.3158, 0.3445`.

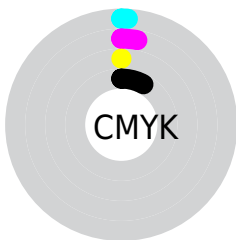
Distribution



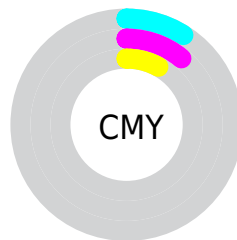
- Red (91%)
- Green (89%)
- Blue (92%)



- Red (91%)
- Yellow (89%)
- Blue (92%)



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (11%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3221, 0.3110, 0.3207 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 77.3221, 0.3110, 0.3207 by changing the saturation by 10% instead.

■ 77.3221, 0.3110,
0.3207

■ 77.3221, 0.3110,
0.3207

485.8615, 0.3118,
0.3245

■ 57.5173, 0.3108,
0.3198

129.5941, 0.3113,
0.3220

■ 41.4207, 0.3106,
0.3188

162.8300, 0.3114,
0.3225

■ 28.6479, 0.3103,
0.3175

201.3117, 0.3115,
0.3230

■ 18.8147, 0.3099,
0.3158

245.4237, 0.3116,
0.3233

■ 11.5364, 0.3094,
0.3135

295.5502, 0.3116,
0.3237

■ 6.4289, 0.3087,
0.3102

352.0758, 0.3117,

■ 3.1076, 0.3075,

0.3240

415.3848, 0.3117,
0.3242

0.3052

1.1881, 0.3054,
0.2966

0.0520, 0.2691,
0.1122

77.3221, 0.3110,
0.3207

77.3221, 0.3110,
0.3207

64.0003, 0.3053,
0.2950

92.4635, 0.3158,
0.3445

52.4173, 0.2986,
0.2678

97.5763, 0.3211,
0.3496

42.5004, 0.2909,
0.2395

98.7194, 0.3250,
0.3493

34.1685, 0.2822,
0.2111

■ 27.3329, 0.2726,
0.1836

■ 21.8964, 0.2624,
0.1583

■ 17.7498, 0.2519,
0.1365

■ 14.7670, 0.2416,
0.1193

■ 12.7951, 0.2317,
0.1073

Harmonies

Analogous

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



77.3221, 0.3061, 0.3199



77.3221, 0.3110, 0.3207



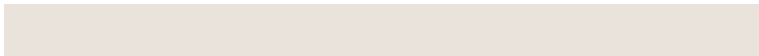
77.3221, 0.3164, 0.3236

Triad

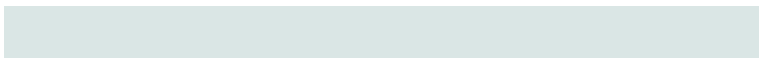
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3221, 0.3110, 0.3207



77.3221, 0.3225, 0.3364



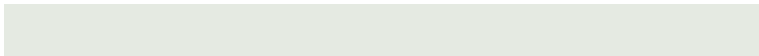
77.3221, 0.3047, 0.3300

Complementary

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



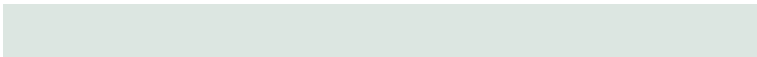
77.3221, 0.3110, 0.3207



80.9980, 0.3144, 0.3373

Split Complementary

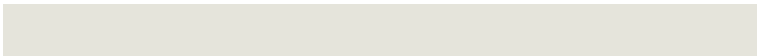
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.3221, 0.3090, 0.3345



77.3221, 0.3110, 0.3207



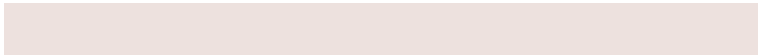
77.3221, 0.3193, 0.3382

Square

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



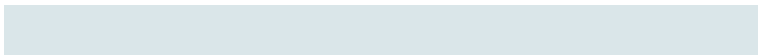
77.3221, 0.3110, 0.3207



77.3221, 0.3230, 0.3327



77.3221, 0.3144, 0.3375



77.3221, 0.3025, 0.3252

Rectangle

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



77.3221, 0.3110, 0.3207



77.3221, 0.3195, 0.3265



77.3221, 0.3144, 0.3375



77.3221, 0.3060, 0.3316

Sweetspot

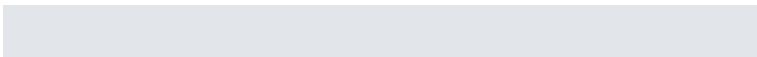
The Sweet Spot groups the original color and five complimentary colors.



77.3254, 0.3110, 0.3207



98.1988, 0.3122, 0.3266



78.2675, 0.3075, 0.3240



21.0376, 0.3122, 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.



77.3254, 0.3110, 0.3207



92.9296, 0.3107, 0.3192



77.7914, 0.3136, 0.3216



16.4038, 0.3103, 0.3174



6.7584, 0.2270, 0.1024



0.5857, 0.2399, 0.1095

Inverse Universe

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



77.5591, 0.3163, 0.3258



93.2654, 0.3170, 0.3253



80.5443, 0.3118, 0.3365



16.4745, 0.3177, 0.3246



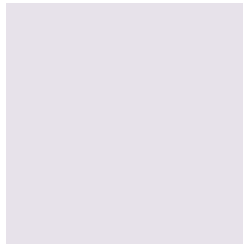
10.2648, 0.5442, 0.2771



0.8243, 0.5068, 0.2566

Previews

White Background



This preview shows how the Yxy color 77.3221, 0.3110, 0.3207 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 77.3221, 0.3110, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

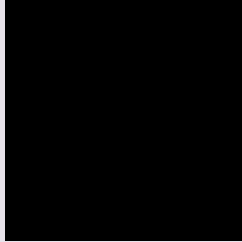
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

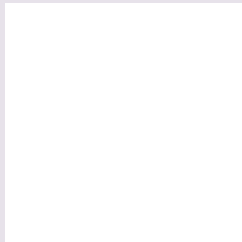
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3221, 0.3110, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 77.3221, 0.3110, 0.3207.

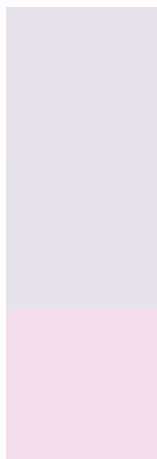


This preview shows how white text looks on a background with the Yxy color 77.3221, 0.3110, 0.3207.

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

77.3221, 0.3110, 0.3207

Protanopia

77.1562, 0.3103, 0.3206

Deuteranopia

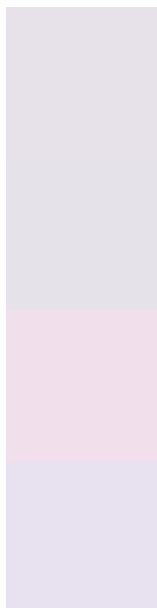
77.3039, 0.3212, 0.3149



Tritanopia

77.4170, 0.3067, 0.3114

Trichromacy



Original Color

77.3221, 0.3110, 0.3207

Protanomaly

77.1562, 0.3103, 0.3206

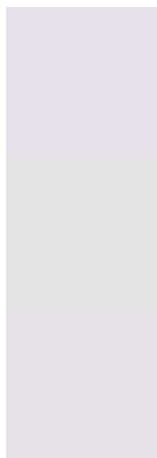
Deuteranomaly

77.4743, 0.3175, 0.3168

Tritanomaly

77.2382, 0.3086, 0.3145

Monochromacy



Original Color

77.3221, 0.3110, 0.3207

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.3094, 0.3122, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3221, 0.3110, 0.3207 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(231, 226, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 226, 234)  
}
```

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(231, 226, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 226, 234) }
```

Border

The CSS property to change the border of an element to Yxy 77.3221, 0.3110, 0.3207 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(231, 226, 234) }
```

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

```
.border{ border-color:rgb(231, 226, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 226, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 226, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 226, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 226,  
234) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3221, 0.3110, 0.3207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 226, 234) }
```

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

```
.background{ background-color: rgb(231,  
226, 234) }
```

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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