

Converting Colors

$Yxy(77.0439, 0.3134, 0.3207)$

Have a look what the booklet for
Yxy(77.0439, 0.3134, 0.3207)
contains.

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Color

Yxy(77.0573, 0.3131, 0.3207)

Conversions

Conversions Part 1

Format	Color
Hex	E9E1E9
RGB	233, 225, 233
RGB Percent	91%, 88%, 91%
CMY	0.0863, 0.1176, 0.0863
CMYK	0.00, 0.03, 0.00, 0.09
HSL	300°, 15%, 90%
HSV	300°, 3%, 91%
XYZ	75.2312, 77.0573, 87.9900
YIQ	228.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

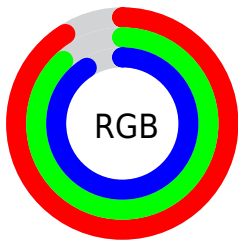
Format	Color
R _Y B	233, 225, 233
Decimal	15327721
CIE Lab	90.35, 4.12, -2.93
CIE LCh	90, 5.052, 324.547
Yxy	77.0573, 0.3131, 0.3207
Android (android.graphics.Color)	4293517801 (0xFFE9E1E9)
YUV	228.3040, 2.3151, 4.1184
Hunter-Lab	87.7823, -0.6409, 2.0173

Details

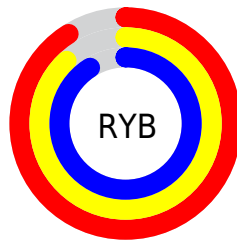
The Yxy color `77.0573, 0.3131, 0.3207` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79.7196, 0.3123, 0.3374`, and the grayscale version is `77.7986, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `41.2709, 0.3132, 0.3196` is the 20% darker color. If you saturate the color by 10%, you get `65.3063, 0.3142, 0.2959`, and if you desaturate by 10%, it is `90.5338, 0.3120, 0.3446`.

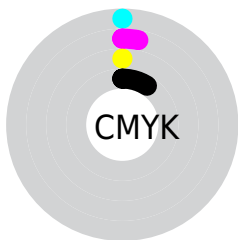
Distribution



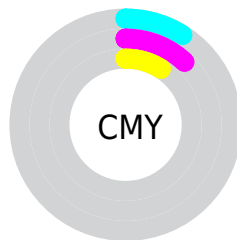
- Red (91%)
- Green (88%)
- Blue (91%)



- Red (91%)
- Yellow (88%)
- Blue (91%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (9%)





- Cyan (9%)
- Magenta (12%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.0573, 0.3131, 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 77.0573, 0.3131, 0.3207 by changing the saturation by 10% instead.


 77.0573, 0.3131,
0.3207

 77.0573, 0.3131,
0.3207


484.9594, 0.3129,
0.3245

 57.2999, 0.3131,
0.3198


129.2204, 0.3130,
0.3220

 41.2461, 0.3132,
0.3188


162.3948, 0.3130,
0.3225

 28.5114, 0.3132,
0.3175


200.8104, 0.3130,
0.3230

 18.7115, 0.3133,
0.3158

244.8516, 0.3130,
0.3233

 11.4620, 0.3134,
0.3135

294.9026, 0.3130,
0.3237

 6.3785, 0.3135,
0.3102

351.3480, 0.3130,

 3.0766, 0.3136,

0.3240

414.5721, 0.3130,
0.3242

0.3052

1.1718, 0.3137,
0.2966

0.0385, 0.3245,
0.0912

77.0573, 0.3131,
0.3207

77.0573, 0.3131,
0.3207

65.3063, 0.3142,
0.2959

90.5338, 0.3120,
0.3446

55.2017, 0.3154,
0.2708


94.7308, 0.3117,
0.3512

46.6730, 0.3165,
0.2461


94.7346, 0.3117,
0.3512

39.6408, 0.3176,
0.2228

94.7385, 0.3117,
0.3512

 34.0187, 0.3186,
0.2019

 94.7423, 0.3117,
0.3512


 29.7117, 0.3194,
0.1842


 94.7462, 0.3118,
0.3512


 26.6128, 0.3200,
0.1704

 94.7500, 0.3118,
0.3512

 24.5987, 0.3204,
0.1610

 94.7539, 0.3118,
0.3512

 23.5193, 0.3206,
0.1558

 94.7577, 0.3118,
0.3512

Harmonies

Analogous

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



77.0573, 0.3072, 0.3188



77.0573, 0.3131, 0.3207



77.0573, 0.3189, 0.3247

Triad

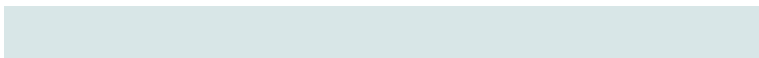
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.0573, 0.3131, 0.3207



77.0573, 0.3226, 0.3384



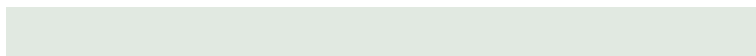
77.0573, 0.3025, 0.3280

Complementary

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



77.0573, 0.3131, 0.3207



79.7196, 0.3123, 0.3374

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.



77.0573, 0.3065, 0.3334



77.0573, 0.3131, 0.3207



77.0573, 0.3182, 0.3394

Square

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



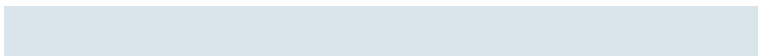
77.0573, 0.3131, 0.3207



77.0573, 0.3245, 0.3349



77.0573, 0.3123, 0.3375



77.0573, 0.3011, 0.3230

Rectangle

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



77.0573, 0.3131, 0.3207



77.0573, 0.3220, 0.3281



77.0573, 0.3123, 0.3375



77.0573, 0.3036, 0.3298

Sweetspot

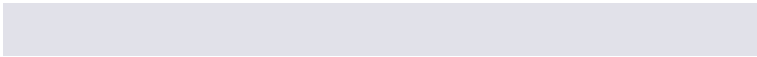
The Sweet Spot groups the original color and five complimentary colors.



77.0606, 0.3131, 0.3207



98.3833, 0.3128, 0.3266



75.8217, 0.3076, 0.3207



21.0751, 0.3128, 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.



77.0606, 0.3131, 0.3207



93.6620, 0.3132, 0.3192



76.8440, 0.3156, 0.3247



16.5578, 0.3132, 0.3175



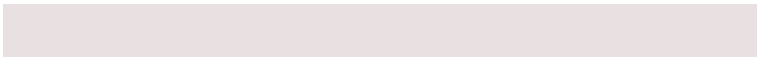
13.1466, 0.3207, 0.1540



1.0326, 0.3207, 0.1540

Inverse Universe

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



76.6167, 0.3183, 0.3290



93.0248, 0.3193, 0.3290



79.9311, 0.3099, 0.3333



16.4242, 0.3206, 0.3290



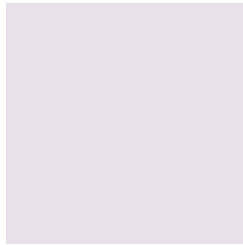
9.8302, 0.6400, 0.3299



0.7720, 0.6397, 0.3297

Previews

White Background



This preview shows how the Yxy color 77.0573, 0.3131, 0.3207 looks on a white background.

Color Contrast Check

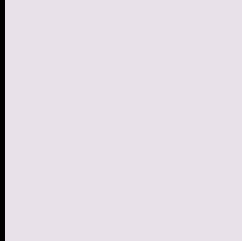
Large Text (above 18pt) WCAG AA × Fail

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 77.0573, 0.3131, 0.3207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

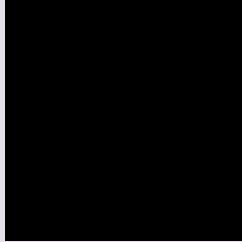
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

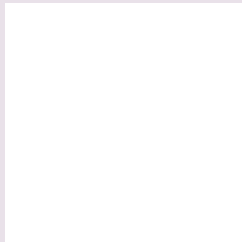
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0573, 0.3131, 0.3207

Background



This preview shows how black text looks on a background with the Yxy color 77.0573, 0.3131, 0.3207.

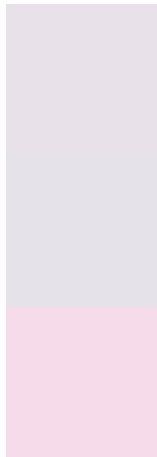


This preview shows how white text looks on a background with the Yxy color 77.0573, 0.3131, 0.3207.

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

77.0573, 0.3131, 0.3207

Protanopia

76.9912, 0.3097, 0.3206

Deuteranopia

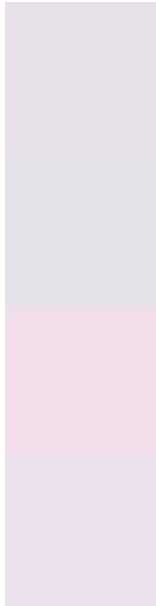
76.7197, 0.3219, 0.3148



Tritanopia

77.1546, 0.3087, 0.3115

Trichromacy



Original Color

77.0573, 0.3131, 0.3207

Protanomaly

77.1562, 0.3103, 0.3206

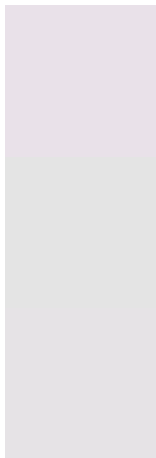
Deuteranomaly

76.8838, 0.3182, 0.3167

Tritanomaly

76.9768, 0.3106, 0.3145

Monochromacy



Original Color

77.0573, 0.3131, 0.3207

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.4743, 0.3129, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0573, 0.3131, 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(233, 225, 233)` looks like.

```
.text, #text, p{  
    color:rgb(233, 225, 233)  
}
```

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(233, 225, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 225, 233) }
```

Border

The CSS property to change the border of an element to Yxy 77.0573, 0.3131, 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(233, 225, 233) }
```

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

```
.border{ border-color:rgb(233, 225, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 225, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 225, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 225, 233);  
box-shadow:4px 4px 4px 4px rgb(233, 225,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0573, 0.3131, 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(233, 225, 233) }
```

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

```
.background{ background-color: rgb(233,  
225, 233) }
```

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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