

Converting Colors

$Yxy(76.3034, 0.3060, 0.3167)$

Have a look what the booklet for
Yxy(76.3034, 0.3060, 0.3167)
contains.

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Color

Yxy(76.1336, 0.3057, 0.3164)

Conversions

Conversions Part 1

Format	Color
Hex	E2E1ED
RGB	226, 225, 237
RGB Percent	89%, 88%, 93%
CMY	0.1140, 0.1175, 0.0706
CMYK	0.05, 0.05, 0.00, 0.07
HSL	245°, 25%, 91%
HSV	245°, 5%, 93%
XYZ	73.5589, 76.1336, 90.9320
YIQ	226.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

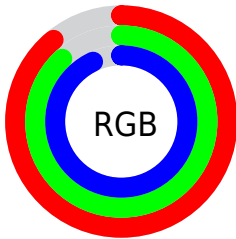
Format	Color
R _Y B	226, 225, 237
Decimal	14868973
CIE Lab	89.92, 2.50, -5.72
CIE LCh	90, 6.243, 293.626
Yxy	76.1336, 0.3057, 0.3164
Android (android.graphics.Color)	4293059053 (0xFFE2E1ED)
YUV	226.6670, 5.0942, -0.5850
Hunter-Lab	87.2546, -2.2132, -0.7106

Details

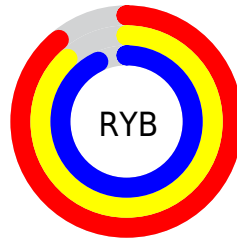
The Yxy color `76.1336, 0.3057, 0.3164` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `83.8486, 0.3195, 0.3413`, and the grayscale version is `76.5212, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `40.7436, 0.3045, 0.3140` is the 20% darker color. If you saturate the color by 10%, you get `60.8826, 0.2903, 0.2890`, and if you desaturate by 10%, it is `93.6215, 0.3191, 0.3406`.

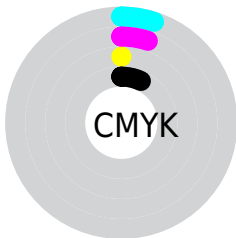
Distribution



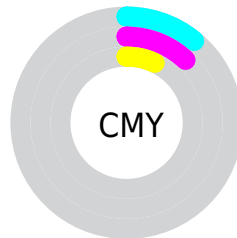
- Red (89%)
- Green (88%)
- Blue (93%)



- Red (89%)
- Yellow (88%)
- Blue (93%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (11%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1336, 0.3057, 0.3164 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 76.1336, 0.3057, 0.3164 by changing the saturation by 10% instead.

■ 76.1336, 0.3057,
0.3164

■ 76.1336, 0.3057,
0.3164

481.8049, 0.3089,
0.3222

■ 56.5421, 0.3050,
0.3151

127.9157, 0.3068,
0.3184

■ 40.6377, 0.3041,
0.3135

160.8751, 0.3073,
0.3192

■ 28.0361, 0.3029,
0.3115

199.0593, 0.3076,
0.3198

■ 18.3529, 0.3014,
0.3089

242.8525, 0.3080,
0.3204

■ 11.2036, 0.2994,
0.3054

292.6394, 0.3082,
0.3209

■ 6.2040, 0.2965,
0.3004

348.8041, 0.3085,

■ 2.9695, 0.2919,

0.3214

0.2927

411.7311, 0.3087,
0.3218

■ 1.1158, 0.2839,
0.2795

■ 0.0000, 0.1191,
0.0000

■ 76.1336, 0.3057,
0.3164

■ 76.1336, 0.3057,
0.3164

■ 60.8826, 0.2903,
0.2890

■ 93.6215, 0.3191,
0.3406

■ 47.7691, 0.2729,
0.2583

■ 98.8940, 0.3232,
0.3464

■ 36.7004, 0.2537,
0.2250

■ 27.5732, 0.2333,
0.1901

■ 20.2756, 0.2125,
0.1553

■ 14.6837, 0.1929,
0.1229

■ 10.6585, 0.1758,
0.0957

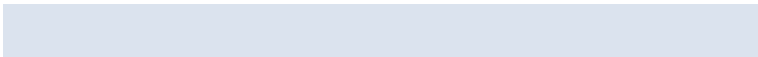
■ 8.0392, 0.1627,
0.0758

■ 6.6297, 0.1544,
0.0643

Harmonies

Analogous

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



76.1336, 0.3004, 0.3175



76.1336, 0.3057, 0.3164



76.1336, 0.3129, 0.3186

Triad

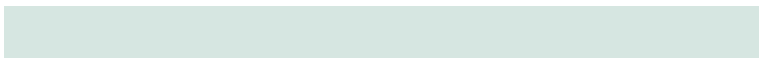
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1336, 0.3057, 0.3164



76.1336, 0.3273, 0.3361



76.1336, 0.3052, 0.3346

Complementary

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



76.1336, 0.3057, 0.3164



83.8486, 0.3195, 0.3413

Split Complementary

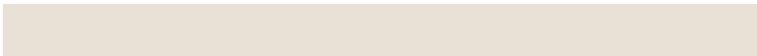
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.1336, 0.3124, 0.3397



76.1336, 0.3057, 0.3164



76.1336, 0.3252, 0.3406

Square

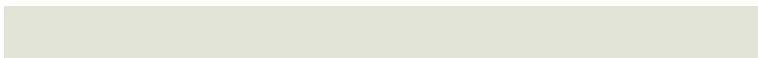
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1336, 0.3057, 0.3164



76.1336, 0.3255, 0.3299



76.1336, 0.3197, 0.3419



76.1336, 0.3001, 0.3279

Rectangle

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



76.1336, 0.3057, 0.3164



76.1336, 0.3179, 0.3216



76.1336, 0.3197, 0.3419



76.1336, 0.3075, 0.3366

Sweetspot

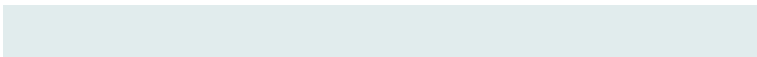
The Sweet Spot groups the original color and five complimentary colors.



76.1368, 0.3057, 0.3164



95.9063, 0.3100, 0.3241



82.2287, 0.3049, 0.3281



20.5708, 0.3101, 0.3243



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.



76.1368, 0.3057, 0.3164



88.0404, 0.3043, 0.3139



77.1019, 0.3097, 0.3166



15.5443, 0.3034, 0.3123



3.4298, 0.1524, 0.0613



0.2884, 0.1588, 0.0648

Inverse Universe

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



77.9286, 0.3139, 0.3176



90.5490, 0.3141, 0.3154



82.8596, 0.3156, 0.3415



16.0357, 0.3143, 0.3140



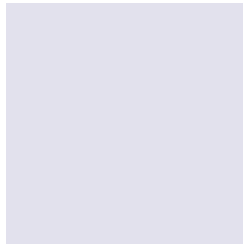
12.6303, 0.3410, 0.1652



0.9977, 0.3379, 0.1635

Previews

White Background



This preview shows how the Yxy color 76.1336, 0.3057, 0.3164 looks on a white background.

Color Contrast Check

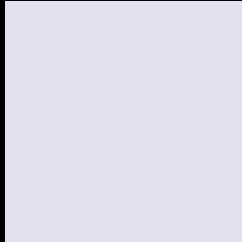
Large Text (above 18pt) WCAG AA × Fail

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 76.1336, 0.3057, 0.3164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

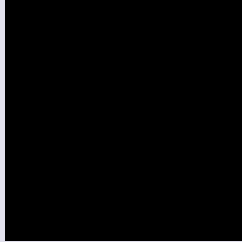
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

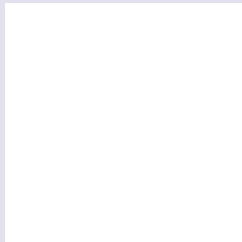
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1336, 0.3057, 0.3164

Background



This preview shows how black text looks on a background with the Yxy color 76.1336, 0.3057, 0.3164.

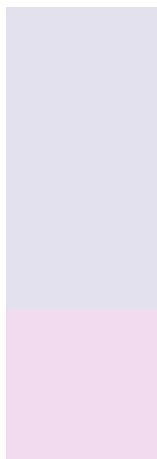


This preview shows how white text looks on a background with the Yxy color 76.1336, 0.3057, 0.3164.

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

76.1336, 0.3057, 0.3164

Protanopia

76.2957, 0.3064, 0.3164

Deuteranopia

75.7133, 0.3165, 0.3096



Tritanopia

76.0530, 0.3033, 0.3102

Trichromacy



Original Color

76.1336, 0.3057, 0.3164

Protanomaly

76.2957, 0.3064, 0.3164

Deuteranomaly

75.7188, 0.3121, 0.3115

Tritanomaly

75.9335, 0.3045, 0.3122

Monochromacy



Original Color

76.1336, 0.3057, 0.3164

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4931, 0.3102, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1336, 0.3057, 0.3164 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, 225, 237)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 237)  
}
```

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, 225, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 237) }
```

Border

The CSS property to change the border of an element to Yxy 76.1336, 0.3057, 0.3164 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, 225, 237) }
```

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

```
.border{ border-color:rgb(226, 225, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 225, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 237);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1336, 0.3057, 0.3164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 225, 237) }
```

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

```
.background{ background-color: rgb(226,  
225, 237) }
```

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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