

Converting Colors

$Yxy(76.1924, 0.3065, 0.3179)$

Have a look what the booklet for
Yxy(76.1924, 0.3065, 0.3179)
contains.

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Color

Yxy(76.0753, 0.3064, 0.3174)

Conversions

Conversions Part 1

Format	Color
Hex	E2E1EC
RGB	226, 225, 236
RGB Percent	89%, 88%, 93%
CMY	0.1136, 0.1177, 0.0745
CMYK	0.04, 0.05, 0.00, 0.07
HSL	246°, 22%, 90%
HSV	246°, 5%, 93%
XYZ	73.4388, 76.0753, 90.1686
YIQ	226.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

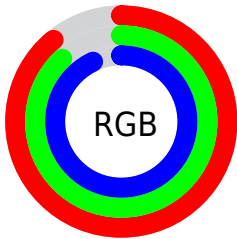
Format	Color
R _Y B	226, 225, 236
Decimal	14868972
CIE Lab	89.89, 2.37, -5.24
CIE LCh	90, 5.749, 294.332
Yxy	76.0753, 0.3064, 0.3174
Android (android.graphics.Color)	4293059052 (0xFFE2E1EC)
YUV	226.5530, 4.6574, -0.4850
Hunter-Lab	87.2212, -2.3429, -0.2388

Details

The Yxy color **76.0753, 0.3064, 0.3174** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.0802, 0.3189, 0.3404**, and the grayscale version is **76.4475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7027, 0.3053, 0.3154** is the 20% darker color. If you saturate the color by 10%, you get **60.9484, 0.2914, 0.2902**, and if you desaturate by 10%, it is **93.4020, 0.3194, 0.3414**.

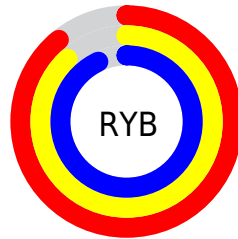
Distribution



Red (89%)

Green (88%)

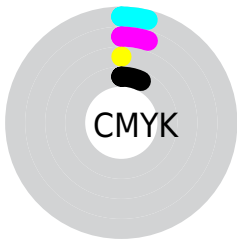
Blue (93%)



Red (89%)

Yellow (88%)

Blue (93%)

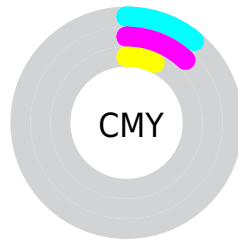


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (7%)



Cyan (11%)

Magenta (12%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.0753, 0.3064, 0.3174 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 76.0753, 0.3064, 0.3174 by changing the saturation by 10% instead.

■ 76.0753, 0.3064,
0.3174

■ 76.0753, 0.3064,
0.3174

481.6054, 0.3093,
0.3227

■ 56.4943, 0.3057,
0.3162

127.8333, 0.3074,
0.3192

■ 40.5993, 0.3049,
0.3147

160.7791, 0.3078,
0.3199

■ 28.0061, 0.3039,
0.3129

198.9486, 0.3081,
0.3206

■ 18.3303, 0.3025,
0.3105

242.7262, 0.3084,
0.3211

■ 11.1874, 0.3007,
0.3072

292.4963, 0.3087,
0.3216

■ 6.1930, 0.2981,
0.3026

348.6433, 0.3089,

■ 2.9628, 0.2940,

0.3220

0.2955

411.5515, 0.3091,
0.3224

■ 1.1123, 0.2867,
0.2832

■ 0.0000, 0.1167,
0.0000

■ 76.0753, 0.3064,
0.3174

■ 76.0753, 0.3064,
0.3174

■ 60.9484, 0.2914,
0.2902

■ 93.4020, 0.3194,
0.3414

■ 47.9240, 0.2744,
0.2598

■ 98.8361, 0.3238,
0.3473

■ 36.9117, 0.2557,
0.2267

■ 27.8110, 0.2356,
0.1920

■ 20.5126, 0.2151,
0.1573

■ 14.8963, 0.1954,
0.1250

■ 10.8270, 0.1781,
0.0975

■ 8.1486, 0.1646,
0.0772

■ 6.6718, 0.1556,
0.0651

Harmonies

Analogous

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



76.0753, 0.3014, 0.3183



76.0753, 0.3064, 0.3174



76.0753, 0.3131, 0.3195

Triad

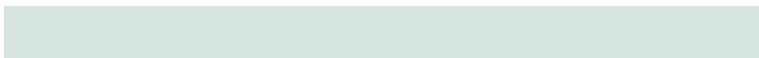
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0753, 0.3064, 0.3174



76.0753, 0.3261, 0.3357



76.0753, 0.3057, 0.3340

Complementary

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



76.0753, 0.3064, 0.3174



83.0802, 0.3189, 0.3404

Split Complementary

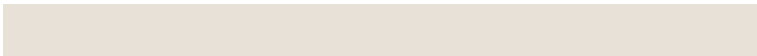
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.0753, 0.3122, 0.3388



76.0753, 0.3064, 0.3174



76.0753, 0.3241, 0.3397

Square

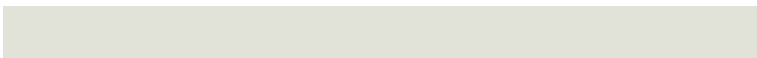
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.0753, 0.3064, 0.3174



76.0753, 0.3245, 0.3300



76.0753, 0.3190, 0.3409



76.0753, 0.3010, 0.3279

Rectangle

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



76.0753, 0.3064, 0.3174



76.0753, 0.3177, 0.3223



76.0753, 0.3190, 0.3409



76.0753, 0.3077, 0.3358

Sweetspot

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



76.0785, 0.3064, 0.3174



97.9489, 0.3114, 0.3266



81.5264, 0.3055, 0.3280



20.9867, 0.3115, 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.



76.0785, 0.3064, 0.3174



88.0923, 0.3045, 0.3139



76.9608, 0.3101, 0.3175



15.5545, 0.3036, 0.3123



3.4598, 0.1532, 0.0618



0.2951, 0.1610, 0.0660

Inverse Universe

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



77.6749, 0.3139, 0.3187



90.5301, 0.3143, 0.3157



82.1799, 0.3152, 0.3405



16.0320, 0.3145, 0.3144



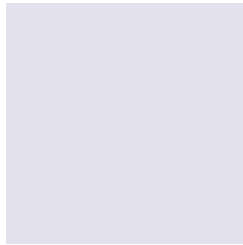
12.5027, 0.3464, 0.1682



0.9890, 0.3424, 0.1660

Previews

White Background



This preview shows how the Yxy color 76.0753, 0.3064, 0.3174 looks on a white background.

Color Contrast Check

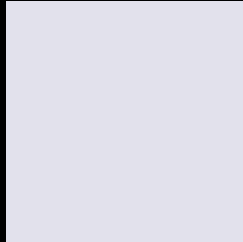
Large Text (above 18pt) WCAG AA × Fail

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 76.0753, 0.3064, 0.3174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

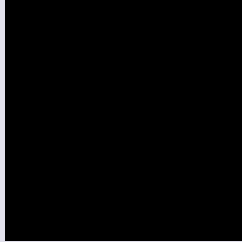
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

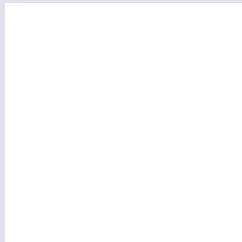
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0753, 0.3064, 0.3174

Background



This preview shows how black text looks on a background with the Yxy color 76.0753, 0.3064, 0.3174.

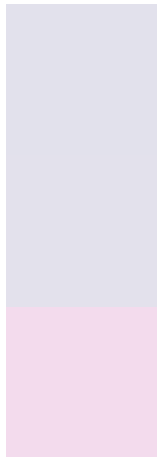


This preview shows how white text looks on a background with the Yxy color 76.0753, 0.3064, 0.3174.

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

76.0753, 0.3064, 0.3174

Protanopia

76.2374, 0.3071, 0.3174

Deuteranopia

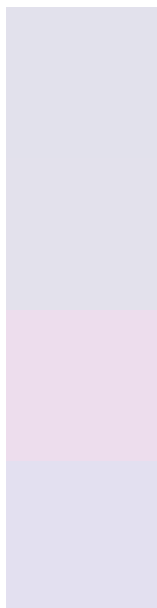
75.8321, 0.3178, 0.3107



Tritanopia

76.0530, 0.3033, 0.3102

Trichromacy



Original Color

76.0753, 0.3064, 0.3174

Protanomaly

76.2374, 0.3071, 0.3174

Deuteranomaly

75.8319, 0.3135, 0.3125

Tritanomaly

75.9335, 0.3045, 0.3122

Monochromacy



Original Color

76.0753, 0.3064, 0.3174

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

76.4368, 0.3108, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0753, 0.3064, 0.3174 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, 236)` looks like.

```
.text, #text, p{  
    color:rgb(226, 225, 236)  
}
```

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, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 225, 236) }
```

Border

The CSS property to change the border of an element to Yxy 76.0753, 0.3064, 0.3174 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, 236) }
```

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

```
.border{ border-color:rgb(226, 225, 236) }
```

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, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 225, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 225, 236);  
box-shadow:4px 4px 4px 4px rgb(226, 225,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0753, 0.3064, 0.3174 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, 236) }
```

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

```
.background{ background-color: rgb(226,  
225, 236) }
```

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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