

Converting Colors

$Y_{xy}(74.1641, 0.3131, 0.3230)$

Have a look what the booklet for
Yxy(74.1641, 0.3131, 0.3230)
contains.

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Color

Yxy(74.2826, 0.3137, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	E4DEE3
RGB	228, 222, 227
RGB Percent	89%, 87%, 89%
CMY	0.1057, 0.1294, 0.1098
CMYK	0.00, 0.03, 0.00, 0.11
HSL	310°, 10%, 88%
HSV	310°, 3%, 89%
XYZ	71.9878, 74.2826, 83.2094
YIQ	224.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

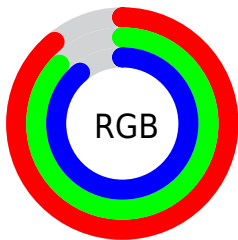
Format	Color
R_{YB}	228, 222, 227
Decimal	14999267
CIE _{Lab}	89.06, 2.94, -1.72
CIE _{LCh}	89, 3.407, 329.653
Yxy	74.2826, 0.3137, 0.3237
Android (android.graphics.Color)	4293189347 (0xFFE4DEE3)
YUV	224.3640, 1.2995, 3.1888
Hunter-Lab	86.1874, -1.7361, 3.0898

Details

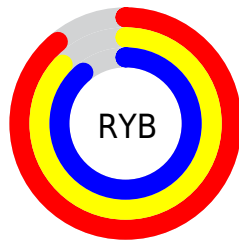
The Yxy color `74.2826, 0.3137, 0.3237` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `76.3643, 0.3117, 0.3344`, and the grayscale version is `74.8091, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `39.5002, 0.3140, 0.3221` is the 20% darker color. If you saturate the color by 10%, you get `62.7659, 0.3178, 0.3031`, and if you desaturate by 10%, it is `87.4489, 0.3102, 0.3433`.

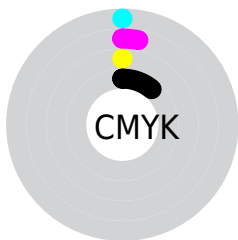
Distribution



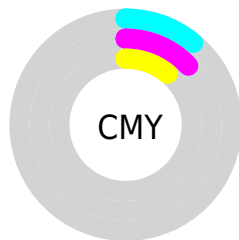
- Red (89%)
- Green (87%)
- Blue (89%)



- Red (89%)
- Yellow (87%)
- Blue (89%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2826, 0.3137, 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 74.2826, 0.3137, 0.3237 by changing the saturation by 10% instead.

■ 74.2826, 0.3137,
0.3237

■ 74.2826, 0.3137,
0.3237

475.4481, 0.3133,
0.3261

■ 55.0254, 0.3138,
0.3231

125.2963, 0.3135,
0.3245

■ 39.4220, 0.3139,
0.3225

157.8216, 0.3135,
0.3249

■ 27.0882, 0.3141,
0.3216

195.5384, 0.3134,
0.3252

■ 17.6395, 0.3143,
0.3205

238.8310, 0.3134,
0.3254

■ 10.6915, 0.3146,
0.3189

288.0839, 0.3134,
0.3256

■ 5.8598, 0.3149,
0.3167

343.6815, 0.3133,

■ 2.7600, 0.3155,

0.3258

0.3133

406.0081, 0.3133,
0.3260

■ 1.0078, 0.3166,
0.3073

■ 0.0000, 0.0000,
0.0000

■ 74.2826, 0.3137,
0.3237

■ 74.2826, 0.3137,
0.3237

■ 62.7659, 0.3178,
0.3031

■ 87.4489, 0.3102,
0.3433

■ 52.8238, 0.3225,
0.2820

■ 94.0100, 0.3076,
0.3494

■ 44.3898, 0.3277,
0.2608

■ 94.2401, 0.3053,
0.3454

■ 37.3890, 0.3336,
0.2404

■ 94.4751, 0.3031,
0.3413

■ 31.7400, 0.3399,
0.2217

■ 94.7153, 0.3010,
0.3373

■ 27.3534, 0.3465,
0.2056

■ 94.9607, 0.2988,
0.3333

■ 24.1287, 0.3533,
0.1932

■ 95.2112, 0.2966,
0.3294

■ 21.9503, 0.3599,
0.1852

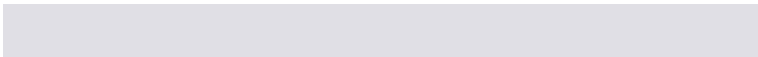
■ 95.2395, 0.2964,
0.3290

■ 20.6789, 0.3663,
0.1818

Harmonies

Analogous

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



74.2826, 0.3096, 0.3221



74.2826, 0.3137, 0.3237



74.2826, 0.3175, 0.3267

Triad

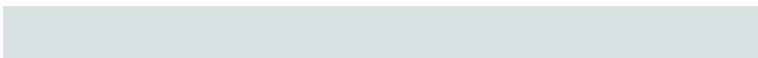
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2826, 0.3137, 0.3237



74.2826, 0.3191, 0.3357



74.2826, 0.3054, 0.3277

Complementary

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



74.2826, 0.3137, 0.3237



76.3643, 0.3117, 0.3344

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.



74.2826, 0.3079, 0.3314



74.2826, 0.3137, 0.3237



74.2826, 0.3158, 0.3360

Square

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



74.2826, 0.3137, 0.3237



74.2826, 0.3207, 0.3336



74.2826, 0.3117, 0.3344



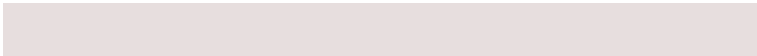
74.2826, 0.3049, 0.3244

Rectangle

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



74.2826, 0.3137, 0.3237



74.2826, 0.3194, 0.3290



74.2826, 0.3117, 0.3344



74.2826, 0.3061, 0.3289

Sweetspot

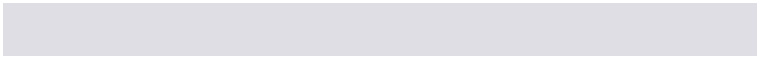
The Sweet Spot groups the original color and five complimentary colors.



74.2858, 0.3137, 0.3237



98.3555, 0.3131, 0.3270



73.5324, 0.3095, 0.3225



21.0694, 0.3131, 0.3271



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

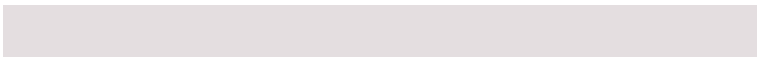
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.2858, 0.3137, 0.3237



95.1310, 0.3138, 0.3230



74.1225, 0.3157, 0.3269



16.0283, 0.3141, 0.3214



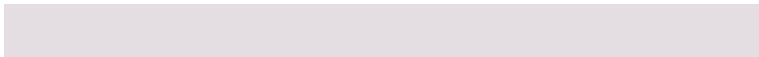
11.6520, 0.3699, 0.1811



0.8724, 0.3615, 0.1765

Inverse Universe

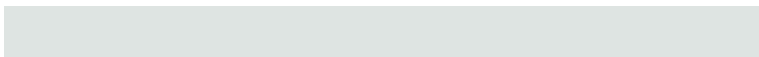
The Inverse Universe completely reimagines the original color for something new.



74.2858, 0.3137, 0.3237



95.1310, 0.3138, 0.3230



76.5266, 0.3099, 0.3311



16.0283, 0.3141, 0.3214



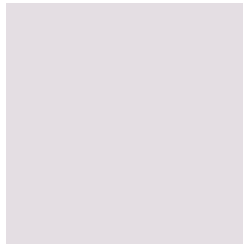
11.6520, 0.3699, 0.1811



0.8724, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 74.2826, 0.3137, 0.3237 looks on a white background.

Color Contrast Check

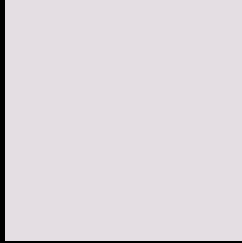
Large Text (above 18pt) WCAG AA × Fail

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 74.2826, 0.3137, 0.3237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

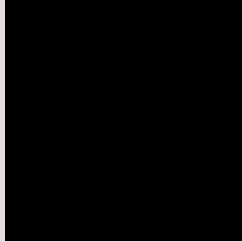
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

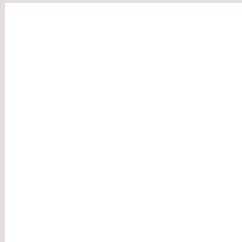
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2826, 0.3137, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 74.2826, 0.3137, 0.3237.

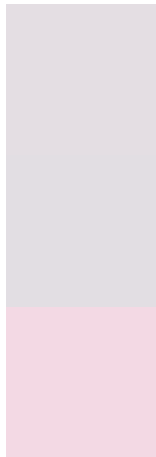


This preview shows how white text looks on a background with the Yxy color 74.2826, 0.3137, 0.3237.

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

74.2826, 0.3137, 0.3237

Protanopia

73.9574, 0.3123, 0.3237

Deuteranopia

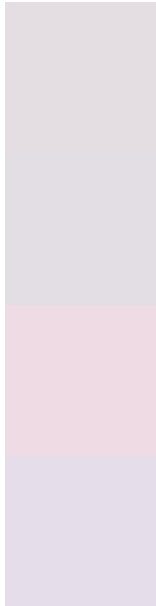
74.2818, 0.3241, 0.3177



Tritanopia

74.1824, 0.3080, 0.3102

Trichromacy



Original Color

74.2826, 0.3137, 0.3237

Protanomaly

74.1195, 0.3130, 0.3237

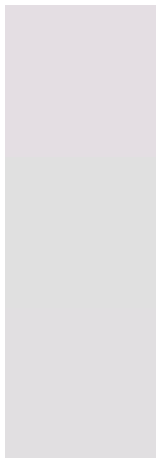
Deuteranomaly

74.4416, 0.3203, 0.3197

Tritanomaly

74.3114, 0.3098, 0.3153

Monochromacy



Original Color

74.2826, 0.3137, 0.3237

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2191, 0.3128, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2826, 0.3137, 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(228, 222, 227) looks like.

```
.text, #text, p{  
    color:rgb(228, 222, 227)  
}
```

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(228, 222, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 222, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.2826, 0.3137, 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(228, 222, 227) }
```

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

```
.border{ border-color:rgb(228, 222, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 222, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 222, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 222, 227);  
box-shadow:4px 4px 4px 4px rgb(228, 222,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2826, 0.3137, 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(228, 222, 227) }
```

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

```
.background{ background-color: rgb(228,  
222, 227) }
```

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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