

Converting Colors

$Yxy(74.7768, 0.3165, 0.3203)$

Have a look what the booklet for
Yxy(74.7768, 0.3165, 0.3203)
contains.

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Color

Yxy(74.8625, 0.3167, 0.3206)

Conversions

Conversions Part 1

Format	Color
Hex	EADDE5
RGB	234, 221, 229
RGB Percent	92%, 87%, 90%
CMY	0.0820, 0.1334, 0.1019
CMYK	0.00, 0.06, 0.02, 0.08
HSL	323°, 24%, 89%
HSV	323°, 6%, 92%
XYZ	73.9518, 74.8625, 84.6932
YIQ	225.7990, 5.1800, 5.2440

Conversions

Conversions Part 2

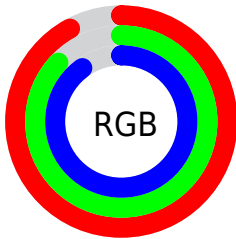
Format	Color
RYB	234, 221, 229
Decimal	15392229
CIELab	89.33, 5.87, -2.33
CIELCh	89, 6.319, 338.344
Yxy	74.8625, 0.3167, 0.3206
Android (android.graphics.Color)	4293582309 (0xFFEADDE5)
YUV	225.7990, 1.5781, 7.1923
Hunter-Lab	86.5231, 1.1495, 2.5302

Details

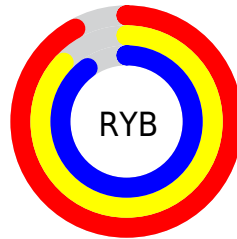
The Yxy color $74.8625, 0.3167, 0.3206$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $79.7527, 0.3089, 0.3375$, and the grayscale version is $75.8954, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $39.7934, 0.3169, 0.3182$ is the 20% darker color. If you saturate the color by 10%, you get $62.8641, 0.3249, 0.3050$, and if you desaturate by 10%, it is $88.6169, 0.3099, 0.3354$.

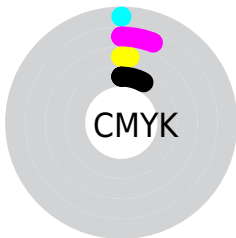
Distribution



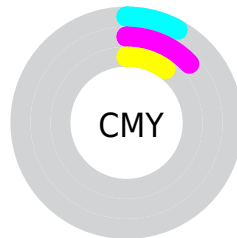
- Red (92%)
- Green (87%)
- Blue (90%)



- Red (92%)
- Yellow (87%)
- Blue (90%)



- Cyan (0%)
- Magenta (6%)
- Yellow (2%)
- Black (8%)




- Cyan (8%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.8625, 0.3167, 0.3206 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 74.8625, 0.3167, 0.3206 by changing the saturation by 10% instead.


 74.8625, 0.3167,
0.3206

 74.8625, 0.3167,
0.3206

477.4448, 0.3149,
0.3245

 55.5003, 0.3171,
0.3197


126.1177, 0.3161,
0.3219

 39.8024, 0.3176,
0.3187


158.7795, 0.3158,
0.3224

 27.3845, 0.3183,
0.3173

196.6432, 0.3156,
0.3229

 17.8622, 0.3191,
0.3156

240.0932, 0.3154,
0.3233

 10.8511, 0.3202,
0.3132

289.5140, 0.3153,
0.3236

 5.9668, 0.3218,
0.3098

345.2900, 0.3151,

 2.8249, 0.3243,

0.3239

0.3046

407.8054, 0.3150,
0.3242

1.0410, 0.3286,
0.2954

0.0000, 0.4697,
0.0000

74.8625, 0.3167,
0.3206

74.8625, 0.3167,
0.3206

62.8641, 0.3249,
0.3050

88.6169, 0.3099,
0.3354

52.5407, 0.3346,
0.2888

95.7477, 0.3044,
0.3368

43.8193, 0.3460,
0.2725

96.2458, 0.3000,
0.3290

36.6178, 0.3592,
0.2569

■ 30.8467, 0.3741,
0.2428

■ 26.4070, 0.3905,
0.2313

■ 23.1871, 0.4079,
0.2237

■ 21.0569, 0.4257,
0.2209

■ 19.8560, 0.4432,
0.2234

Harmonies

Analogous

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



74.8625, 0.3091, 0.3169



74.8625, 0.3167, 0.3206



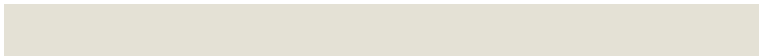
74.8625, 0.3233, 0.3265

Triad

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



74.8625, 0.3167, 0.3206



74.8625, 0.3230, 0.3419



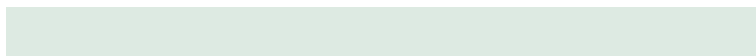
74.8625, 0.2985, 0.3246

Complementary

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



74.8625, 0.3167, 0.3206



79.7527, 0.3089, 0.3375

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.



74.8625, 0.3022, 0.3314



74.8625, 0.3167, 0.3206



74.8625, 0.3163, 0.3415

Square

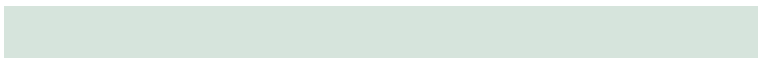
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.8625, 0.3167, 0.3206



74.8625, 0.3270, 0.3388



74.8625, 0.3086, 0.3377



74.8625, 0.2986, 0.3191

Rectangle

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



74.8625, 0.3167, 0.3206



74.8625, 0.3263, 0.3310



74.8625, 0.3086, 0.3377



74.8625, 0.2994, 0.3268

Sweetspot

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



74.8657, 0.3167, 0.3206



96.6628, 0.3141, 0.3260



73.8157, 0.3077, 0.3151



20.7248, 0.3140, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

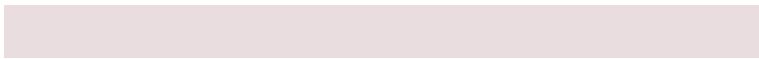
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.8657, 0.3167, 0.3206



88.6990, 0.3178, 0.3184



74.5088, 0.3211, 0.3274



15.7176, 0.3182, 0.3176



10.9798, 0.4482, 0.2243



0.8809, 0.4258, 0.2119

Inverse Universe

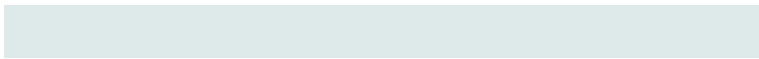
The Inverse Universe completely reimagines the original color for something new.



74.8657, 0.3167, 0.3206



88.6990, 0.3178, 0.3184



80.1171, 0.3049, 0.3306



15.7176, 0.3182, 0.3176



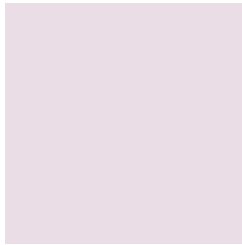
10.9798, 0.4482, 0.2243



0.8809, 0.4258, 0.2119

Previews

White Background



This preview shows how the Yxy color 74.8625, 0.3167, 0.3206 looks on a white background.

Color Contrast Check

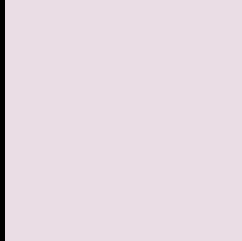
Large Text (above 18pt) WCAG AA × Fail

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 74.8625, 0.3167, 0.3206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

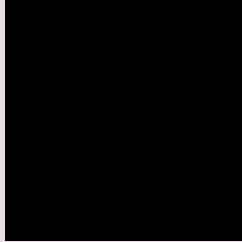
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

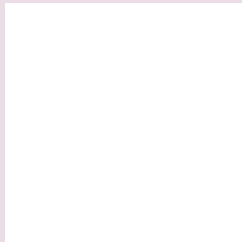
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.8625, 0.3167, 0.3206

Background



This preview shows how black text looks on a background with the Yxy color 74.8625, 0.3167, 0.3206.

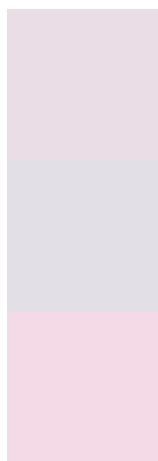


This preview shows how white text looks on a background with the Yxy color 74.8625, 0.3167, 0.3206.

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

74.8625, 0.3167, 0.3206

Protanopia

74.8194, 0.3110, 0.3216

Deuteranopia

75.0891, 0.3234, 0.3167



Tritanopia

74.9630, 0.3121, 0.3114

Trichromacy



Original Color

74.8625, 0.3167, 0.3206

Protanomaly

74.7787, 0.3131, 0.3206

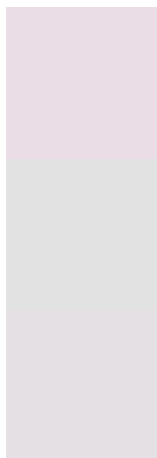
Deuteranomaly

74.9015, 0.3204, 0.3177

Tritanomaly

74.7891, 0.3141, 0.3145

Monochromacy



Original Color

74.8625, 0.3167, 0.3206

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

75.5154, 0.3143, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8625, 0.3167, 0.3206 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(234, 221, 229)` looks like.

```
.text, #text, p{  
    color:rgb(234, 221, 229)  
}
```

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(234, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 221, 229) }
```

Border

The CSS property to change the border of an element to Yxy 74.8625, 0.3167, 0.3206 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(234, 221, 229) }
```

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

```
.border{ border-color:rgb(234, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 221, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 221, 229);  
box-shadow:4px 4px 4px 4px rgb(234, 221,  
229) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8625, 0.3167, 0.3206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 221, 229) }
```

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

```
.background{ background-color: rgb(234,  
221, 229) }
```

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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