

Converting Colors

$Y_{xy}(72.8514, 0.3172, 0.3268)$

Have a look what the booklet for
Yxy(72.8514, 0.3172, 0.3268)
contains.

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Color

Yxy(72.9543, 0.3171, 0.3269)

Conversions

Conversions Part 1

Format	Color
Hex	E4DCDE
RGB	228, 220, 222
RGB Percent	89%, 86%, 87%
CMY	0.1059, 0.1372, 0.1295
CMYK	0.00, 0.03, 0.03, 0.11
HSL	345°, 13%, 88%
HSV	345°, 3%, 89%
XYZ	70.7672, 72.9543, 79.4485
YIQ	222.6200, 4.1260, 2.3180

Conversions

Conversions Part 2

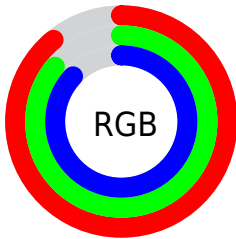
Format	Color
R _{YB}	228, 220, 222
Decimal	14998750
CIE Lab	88.43, 3.07, -0.01
CIE LCh	88, 3.065, 359.806
Yxy	72.9543, 0.3171, 0.3269
Android (android.graphics.Color)	4293188830 (0xFFE4DCDE)
YUV	222.6200, -0.3057, 4.7183
Hunter-Lab	85.4133, -1.5812, 4.6398

Details

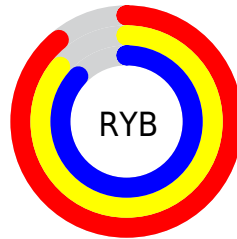
The Yxy color **72.9543, 0.3171, 0.3269** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.1871, 0.3085, 0.3311**, and the grayscale version is **73.5082, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5845, 0.3185, 0.3262** is the 20% darker color. If you saturate the color by 10%, you get **60.9209, 0.3316, 0.3206**, and if you desaturate by 10%, it is **86.7195, 0.3054, 0.3327**.

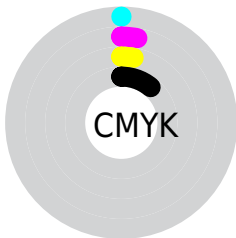
Distribution



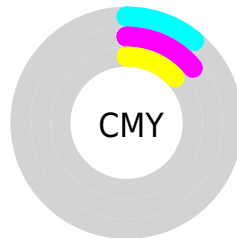
- Red (89%)
- Green (86%)
- Blue (87%)



- Red (89%)
- Yellow (86%)
- Blue (87%)



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





- Cyan (11%)
- Magenta (14%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9543, 0.3171, 0.3269 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 72.9543, 0.3171, 0.3269 by changing the saturation by 10% instead.


 72.9543, 0.3171,
0.3269

 72.9543, 0.3171,
0.3269


470.8564, 0.3151,
0.3279

 53.9386, 0.3176,
0.3267


123.4123, 0.3164,
0.3272

 38.5526, 0.3181,
0.3264

155.6234, 0.3161,
0.3274

 26.4118, 0.3189,
0.3260


193.0018, 0.3159,
0.3275

 17.1320, 0.3198,
0.3256

235.9319, 0.3157,
0.3276

 10.3286, 0.3211,
0.3249

284.7979, 0.3155,
0.3277

 5.6174, 0.3230,
0.3240

339.9845, 0.3153,

 2.6139, 0.3260,

0.3278

0.3226

401.8758, 0.3152,
0.3278

0.9336, 0.3314,
0.3199

0.0000, 0.0000,
0.0000

72.9543, 0.3171,
0.3269

72.9543, 0.3171,
0.3269

60.9209, 0.3316,
0.3206

86.7195, 0.3054,
0.3327

50.5415, 0.3494,
0.3140

95.2314, 0.2964,
0.3290

41.7462, 0.3713,
0.3072

34.4566, 0.3979,
0.3007

■ 28.5877, 0.4294,
0.2950

■ 24.0456, 0.4655,
0.2912

■ 20.7254, 0.5045,
0.2903

■ 18.5060, 0.5434,
0.2932

■ 17.2409, 0.5780,
0.3003

Harmonies

Analogous

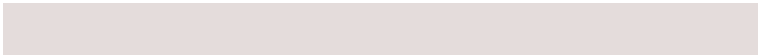
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9543, 0.3136, 0.3242



72.9543, 0.3171, 0.3269



72.9543, 0.3194, 0.3302

Triad

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



72.9543, 0.3171, 0.3269



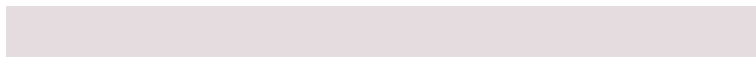
72.9543, 0.3155, 0.3353



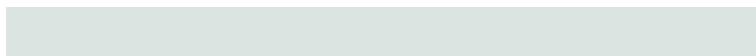
72.9543, 0.3056, 0.3248

Complementary

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



72.9543, 0.3171, 0.3269



76.1871, 0.3085, 0.3311

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.



72.9543, 0.3061, 0.3278



72.9543, 0.3171, 0.3269



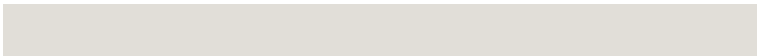
72.9543, 0.3118, 0.3339

Square

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



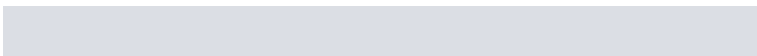
72.9543, 0.3171, 0.3269



72.9543, 0.3185, 0.3350



72.9543, 0.3084, 0.3311



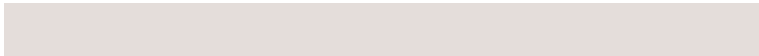
72.9543, 0.3070, 0.3230

Rectangle

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



72.9543, 0.3171, 0.3269



72.9543, 0.3200, 0.3322



72.9543, 0.3084, 0.3311



72.9543, 0.3055, 0.3257

Sweetspot

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



72.9575, 0.3171, 0.3269



98.2608, 0.3139, 0.3284



72.9607, 0.3117, 0.3205



21.0502, 0.3139, 0.3284



0.0000, 0.0000, 0.0000



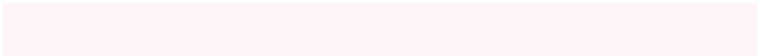
21.4041, 0.3127, 0.3290

Same Dimension

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



72.9575, 0.3171, 0.3269



93.1794, 0.3178, 0.3266



73.9047, 0.3183, 0.3311



15.7031, 0.3187, 0.3262



9.7077, 0.5931, 0.3041



0.7319, 0.5518, 0.2813

Inverse Universe

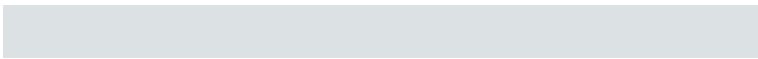
The Inverse Universe completely reimagines the original color for something new.



72.9575, 0.3171, 0.3269



93.1794, 0.3178, 0.3266



75.2060, 0.3073, 0.3268



15.7031, 0.3187, 0.3262



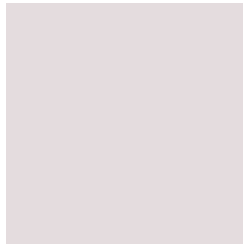
9.7077, 0.5931, 0.3041



0.7319, 0.5518, 0.2813

Previews

White Background



This preview shows how the Yxy color 72.9543, 0.3171, 0.3269 looks on a white background.

Color Contrast Check

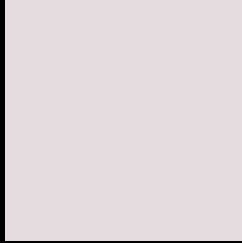
Large Text (above 18pt) WCAG AA × Fail

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 72.9543, 0.3171, 0.3269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

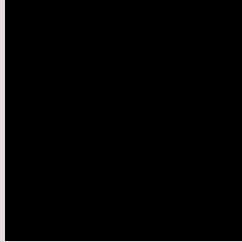
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

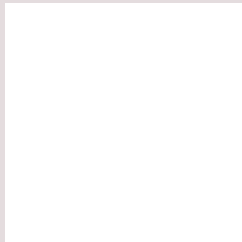
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9543, 0.3171, 0.3269

Background



This preview shows how black text looks on a background with the Yxy color 72.9543, 0.3171, 0.3269.

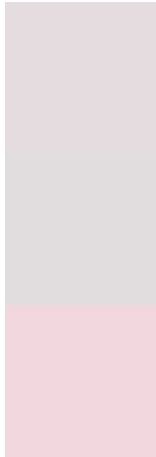


This preview shows how white text looks on a background with the Yxy color 72.9543, 0.3171, 0.3269.

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

72.9543, 0.3171, 0.3269

Protanopia

72.9944, 0.3149, 0.3279

Deuteranopia

72.9833, 0.3278, 0.3208



Tritanopia

72.9640, 0.3100, 0.3111

Trichromacy



Original Color

72.9543, 0.3171, 0.3269

Protanomaly

73.1556, 0.3156, 0.3279

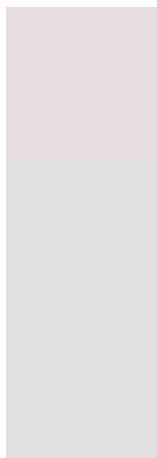
Deuteranomaly

73.1306, 0.3239, 0.3228

Tritanomaly

73.0342, 0.3126, 0.3174

Monochromacy



Original Color

72.9543, 0.3171, 0.3269

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.5778, 0.3142, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9543, 0.3171, 0.3269 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, 220, 222)` looks like.

```
.text, #text, p{  
    color:rgb(228, 220, 222)  
}
```

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, 220, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 220, 222) }
```

Border

The CSS property to change the border of an element to Yxy 72.9543, 0.3171, 0.3269 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, 220, 222) }
```

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

```
.border{ border-color:rgb(228, 220, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 220, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 220, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 220, 222);  
box-shadow:4px 4px 4px 4px rgb(228, 220,  
222) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.9543, 0.3171, 0.3269$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 220, 222) }
```

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

```
.background{ background-color: rgb(228,  
220, 222) }
```

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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