

Converting Colors

$Yxy(73.1480, 0.3125, 0.3337)$

Have a look what the booklet for
Yxy(73.1480, 0.3125, 0.3337)
contains.

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Color

Yxy(72.9499, 0.3125, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	DBDFDB
RGB	219, 223, 219
RGB Percent	86%, 87%, 86%
CMY	0.1413, 0.1254, 0.1413
CMYK	0.02, 0.00, 0.02, 0.13
HSL	120°, 6%, 87%
HSV	120°, 2%, 87%
XYZ	68.3769, 72.9499, 77.4792
YIQ	221.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

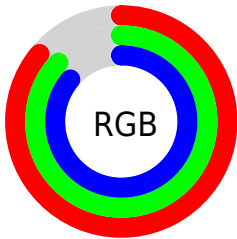
Format	Color
R _Y B	219, 223, 223
Decimal	14409691
CIE Lab	88.42, -2.09, 1.49
CIE LCh	88, 2.562, 144.539
Yxy	72.9499, 0.3125, 0.3334
Android (android.graphics.Color)	4292599771 (0xFFDBDFDB)
YUV	221.3480, -1.1576, -2.0592
Hunter-Lab	85.4107, -6.5678, 6.0034

Details

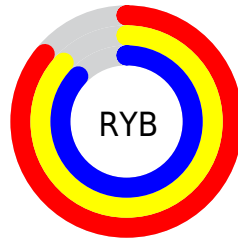
The Yxy color **72.9499, 0.3125, 0.3334** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6638, 0.3129, 0.3246**, and the grayscale version is **72.5701, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5781, 0.3124, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **68.6298, 0.3112, 0.3597**, and if you desaturate by 10%, it is **77.8960, 0.3136, 0.3105**.

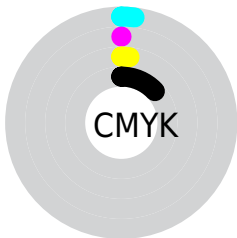
Distribution



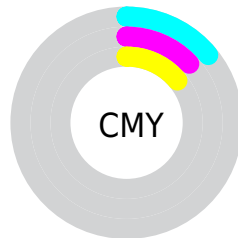
- Red (86%)
- Green (87%)
- Blue (86%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (13%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.9499, 0.3125, 0.3334 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 72.9499, 0.3125, 0.3334 by changing the saturation by 10% instead.

 72.9499, 0.3125,
0.3334

 72.9499, 0.3125,
0.3334


470.8412, 0.3126,
0.3314

 53.9350, 0.3125,
0.3339


123.4061, 0.3125,
0.3327

 38.5497, 0.3124,
0.3344


155.6162, 0.3126,
0.3324

 26.4096, 0.3124,
0.3352


192.9934, 0.3126,
0.3322

 17.1303, 0.3123,
0.3361

235.9222, 0.3126,
0.3320

 10.3274, 0.3123,
0.3375

284.7870, 0.3126,
0.3318

 5.6166, 0.3122,
0.3394

339.9722, 0.3126,

 2.6134, 0.3120,

0.3316

0.3425

401.8621, 0.3126,
0.3315

■ 0.9334, 0.3117,
0.3482

■ 0.0000, 0.0000,
0.0000

■ 72.9499, 0.3125,
0.3334

■ 72.9499, 0.3125,
0.3334

■ 68.6298, 0.3112,
0.3597

■ 77.8960, 0.3136,
0.3105

■ 64.9018, 0.3098,
0.3895

■ 81.2650, 0.3142,
0.2980

■ 61.7430, 0.3082,
0.4224

■ 59.1254, 0.3065,
0.4577

■ 57.0186, 0.3048,
0.4936

■ 55.3893, 0.3032,
0.5278

■ 54.2002, 0.3018,
0.5575

■ 53.4085, 0.3008,
0.5801

■ 52.9628, 0.3002,
0.5941

Harmonies

Analogous

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



72.9499, 0.3155, 0.3344



72.9499, 0.3125, 0.3334



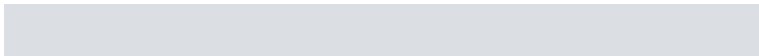
72.9499, 0.3095, 0.3313

Triad

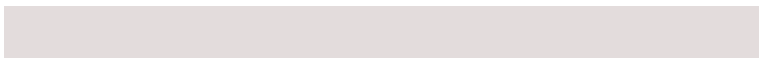
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.9499, 0.3125, 0.3334



72.9499, 0.3076, 0.3242



72.9499, 0.3181, 0.3295

Complementary

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



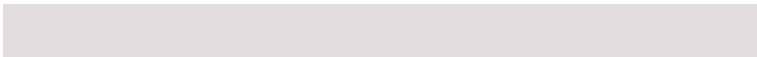
72.9499, 0.3125, 0.3334



71.6638, 0.3129, 0.3246

Split Complementary

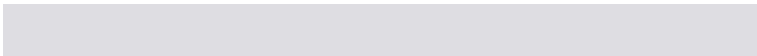
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.9499, 0.3159, 0.3268



72.9499, 0.3125, 0.3334



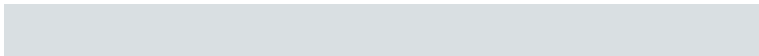
72.9499, 0.3099, 0.3237

Square

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



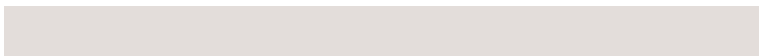
72.9499, 0.3125, 0.3334



72.9499, 0.3067, 0.3259



72.9499, 0.3129, 0.3247



72.9499, 0.3188, 0.3321

Rectangle

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



72.9499, 0.3125, 0.3334



72.9499, 0.3080, 0.3294



72.9499, 0.3129, 0.3247



72.9499, 0.3175, 0.3286

Sweetspot

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



72.9530, 0.3125, 0.3334



99.3570, 0.3126, 0.3314



73.5884, 0.3154, 0.3334



21.2733, 0.3126, 0.3313



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.



72.9530, 0.3125, 0.3334



98.7225, 0.3125, 0.3339



73.0597, 0.3112, 0.3312



16.0697, 0.3125, 0.3336



31.0324, 0.2999, 0.5998



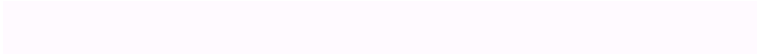
2.1513, 0.2998, 0.5991

Inverse Universe

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



71.6638, 0.3129, 0.3246



96.7880, 0.3130, 0.3242



71.5558, 0.3143, 0.3268



15.7744, 0.3129, 0.3245



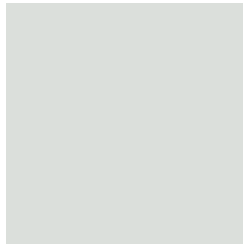
12.3334, 0.3218, 0.1546



0.8551, 0.3216, 0.1545

Previews

White Background



This preview shows how the Yxy color 72.9499, 0.3125, 0.3334 looks on a white background.

Color Contrast Check

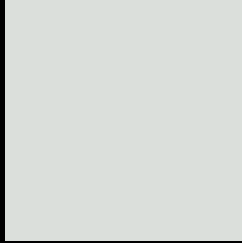
Large Text (above 18pt) WCAG AA × Fail

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 72.9499, 0.3125, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

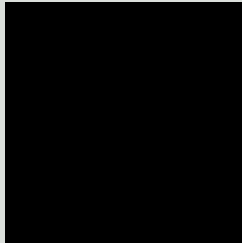
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

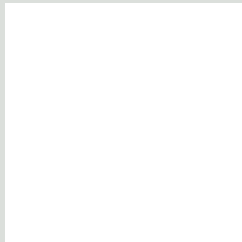
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.9499, 0.3125, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 72.9499, 0.3125, 0.3334.

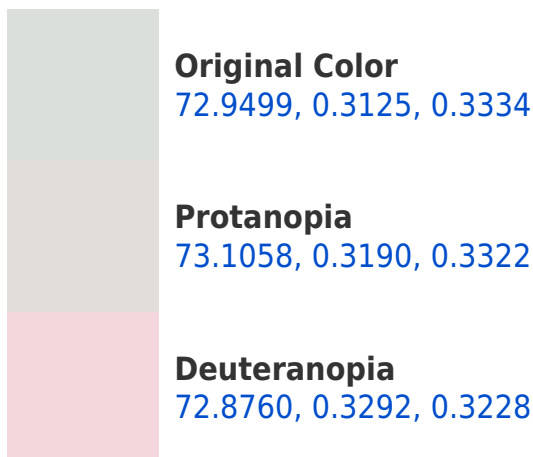


This preview shows how white text looks on a background with the Yxy color 72.9499, 0.3125, 0.3334.

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





Tritanopia

72.8890, 0.3024, 0.3098

Trichromacy



Original Color

72.9499, 0.3125, 0.3334

Protanomaly

73.1518, 0.3168, 0.3333

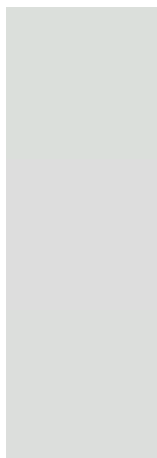
Deuteranomaly

72.8025, 0.3230, 0.3269

Tritanomaly

72.8546, 0.3062, 0.3182

Monochromacy



Original Color

72.9499, 0.3125, 0.3334

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.6255, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.9499, 0.3125, 0.3334 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(219, 223, 219)` looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 219)  
}
```

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(219, 223, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 219) }
```

Border

The CSS property to change the border of an element to Yxy 72.9499, 0.3125, 0.3334 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(219, 223, 219) }
```

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

```
.border{ border-color:rgb(219, 223, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 223, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 223, 219);  
box-shadow:4px 4px 4px 4px rgb(219, 223,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 72.9499, 0.3125, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 219) }
```

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

```
.background{ background-color: rgb(219,  
223, 219) }
```

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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