

Converting Colors

$Y_{xy}(75.1859, 0.3131, 0.3352)$

Have a look what the booklet for
Yxy(75.1859, 0.3131, 0.3352)
contains.

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Color

Yxy(74.9853, 0.3125, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	DDE2DD
RGB	221, 226, 221
RGB Percent	87%, 89%, 87%
CMY	0.1332, 0.1137, 0.1334
CMYK	0.02, 0.00, 0.02, 0.11
HSL	119°, 8%, 88%
HSV	119°, 2%, 89%
XYZ	70.0745, 74.9853, 79.1786
YIQ	223.9350, -1.3750, -2.6150

Conversions

Conversions Part 2

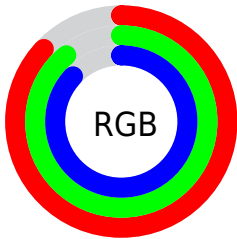
Format	Color
R _{YB}	221, 226, 226
Decimal	14541533
CIE Lab	89.39, -2.56, 1.85
CIE LCh	89, 3.156, 144.124
Yxy	74.9853, 0.3125, 0.3344
Android (android.graphics.Color)	4292731613 (0xFFDDE2DD)
YUV	223.9350, -1.4470, -2.5740
Hunter-Lab	86.5941, -7.0921, 6.4031

Details

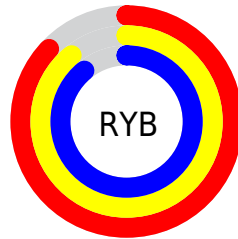
The Yxy color **74.9853, 0.3125, 0.3344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3573, 0.3129, 0.3237**, and the grayscale version is **74.5093, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9860, 0.3124, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **70.5842, 0.3114, 0.3609**, and if you desaturate by 10%, it is **80.0224, 0.3134, 0.3113**.

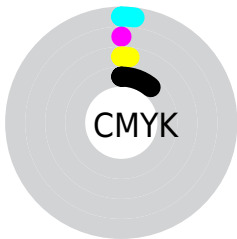
Distribution



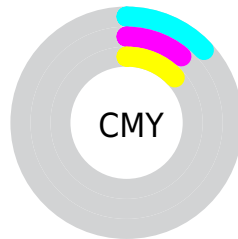
- Red (87%)
- Green (89%)
- Blue (87%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9853, 0.3125, 0.3344 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 74.9853, 0.3125, 0.3344 by changing the saturation by 10% instead.

■ 74.9853, 0.3125,
0.3344

■ 74.9853, 0.3125,
0.3344

477.8670, 0.3126,
0.3319

■ 55.6008, 0.3125,
0.3350

126.2916, 0.3125,
0.3335

■ 39.8830, 0.3124,
0.3357

158.9821, 0.3126,
0.3332

■ 27.4473, 0.3124,
0.3366

196.8769, 0.3126,
0.3329

■ 17.9095, 0.3123,
0.3377

240.3602, 0.3126,
0.3327

■ 10.8850, 0.3123,
0.3393

289.8165, 0.3126,
0.3324

■ 5.9896, 0.3121,
0.3416

345.6301, 0.3126,

■ 2.8387, 0.3119,

0.3322

408.1855, 0.3126,
0.3321

0.3453

1.0481, 0.3115,
0.3519

0.0000, 0.0000,
0.0000

74.9853, 0.3125,
0.3344

74.9853, 0.3125,
0.3344

70.5842, 0.3114,
0.3609

80.0224, 0.3134,
0.3113

66.7845, 0.3102,
0.3909

82.8697, 0.3140,
0.3009

63.5632, 0.3088,
0.4241

60.8919, 0.3072,
0.4594

■ 58.7398, 0.3056,
0.4953

■ 57.0733, 0.3040,
0.5294

■ 55.8546, 0.3025,
0.5588

■ 55.0404, 0.3013,
0.5810

■ 54.5790, 0.3005,
0.5945

Harmonies

Analogous

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



74.9853, 0.3162, 0.3355



74.9853, 0.3125, 0.3344



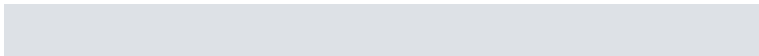
74.9853, 0.3089, 0.3318

Triad

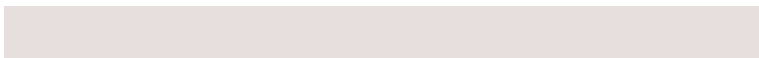
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9853, 0.3125, 0.3344



74.9853, 0.3065, 0.3231



74.9853, 0.3192, 0.3295

Complementary

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



74.9853, 0.3125, 0.3344



73.3573, 0.3129, 0.3237

Split Complementary

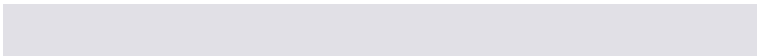
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9853, 0.3166, 0.3263



74.9853, 0.3125, 0.3344



74.9853, 0.3092, 0.3226

Square

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



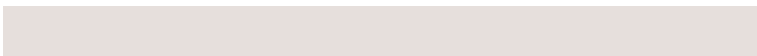
74.9853, 0.3125, 0.3344



74.9853, 0.3054, 0.3253



74.9853, 0.3129, 0.3237



74.9853, 0.3201, 0.3327

Rectangle

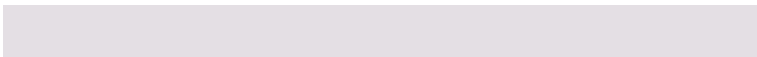
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



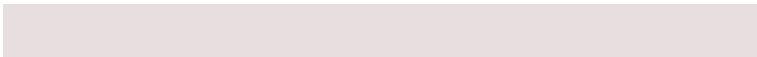
74.9853, 0.3125, 0.3344



74.9853, 0.3070, 0.3296



74.9853, 0.3129, 0.3237



74.9853, 0.3185, 0.3284

Sweetspot

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



74.9885, 0.3125, 0.3344



99.3615, 0.3126, 0.3314



75.7320, 0.3160, 0.3343



21.2742, 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.



74.9885, 0.3125, 0.3344



98.1098, 0.3124, 0.3364



75.1100, 0.3109, 0.3318



15.8822, 0.3123, 0.3383



31.0432, 0.3002, 0.5998



2.1543, 0.3010, 0.5992

Inverse Universe

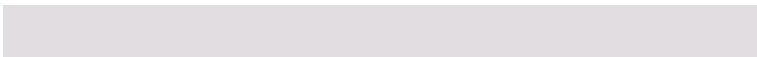
The Inverse Universe completely reimagines the original color for something new.



73.3573, 0.3129, 0.3237



95.2002, 0.3130, 0.3217



73.2341, 0.3146, 0.3262



15.2935, 0.3131, 0.3199



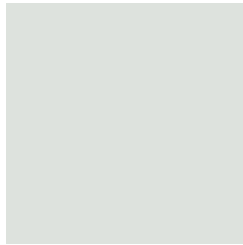
12.1384, 0.3183, 0.1527



0.8438, 0.3187, 0.1529

Previews

White Background



This preview shows how the Yxy color 74.9853, 0.3125, 0.3344 looks on a white background.

Color Contrast Check

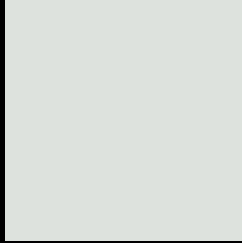
Large Text (above 18pt) WCAG AA × Fail

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 74.9853, 0.3125, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

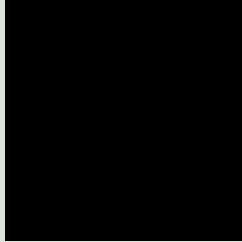
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

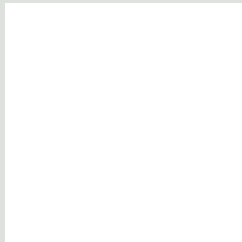
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9853, 0.3125, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 74.9853, 0.3125, 0.3344.

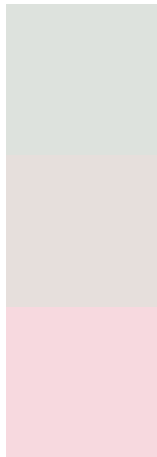


This preview shows how white text looks on a background with the Yxy color 74.9853, 0.3125, 0.3344.

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

74.9853, 0.3125, 0.3344

Protanopia

74.7657, 0.3197, 0.3322

Deuteranopia

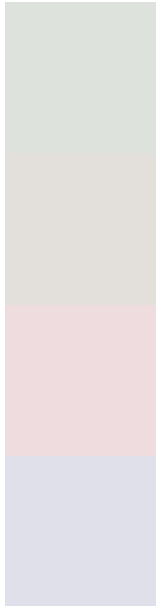
74.7276, 0.3305, 0.3229



Tritanopia

74.9735, 0.3019, 0.3100

Trichromacy



Original Color

74.9853, 0.3125, 0.3344

Protanomaly

74.8095, 0.3174, 0.3333

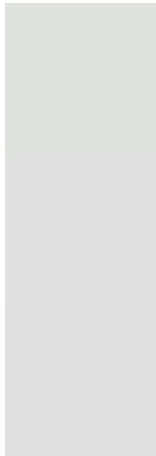
Deuteranomaly

74.6375, 0.3243, 0.3269

Tritanomaly

74.9398, 0.3056, 0.3184

Monochromacy



Original Color

74.9853, 0.3125, 0.3344

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.8661, 0.3126, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9853, 0.3125, 0.3344 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(221, 226, 221)` looks like.

```
.text, #text, p{  
    color:rgb(221, 226, 221)  
}
```

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(221, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 226, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.9853, 0.3125, 0.3344 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(221, 226, 221) }
```

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

```
.border{ border-color:rgb(221, 226, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(221, 226,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9853, 0.3125, 0.3344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 226, 221) }
```

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

```
.background{ background-color: rgb(221,  
226, 221) }
```

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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