

Converting Colors

Yxy(74.3649, 0.3097, 0.3344)

Have a look what the booklet for
Yxy(74.3649, 0.3097, 0.3344)
contains.

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Color

Yxy(74.3649, 0.3097, 0.3344)

Conversions

Conversions Part 1

Format	Color
Hex	D9E2DD
RGB	217, 226, 221
RGB Percent	85%, 89%, 87%
CMY	0.1489, 0.1137, 0.1332
CMYK	0.04, 0.00, 0.02, 0.11
HSL	147°, 13%, 87%
HSV	147°, 4%, 89%
XYZ	68.8720, 74.3649, 79.1461
YIQ	222.7390, -3.7590, -3.4630

Conversions

Conversions Part 2

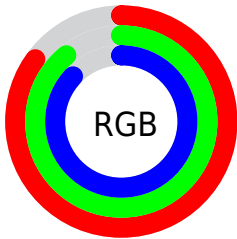
Format	Color
RYB	217, 223, 226
Decimal	14279389
CIELab	89.09, -3.90, 1.37
CIElCh	89, 4.133, 160.623
Yxy	74.3649, 0.3097, 0.3344
Android (android.graphics.Color)	4292469469 (0xFFD9E2DD)
YUV	222.7390, -0.8573, -5.0331
Hunter-Lab	86.2351, -8.3516, 5.9485

Details

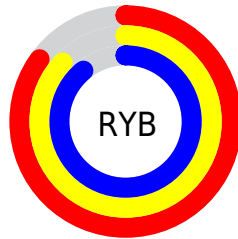
The Yxy color **74.3649, 0.3097, 0.3344** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.0845, 0.3158, 0.3237**, and the grayscale version is **73.6112, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5604, 0.3088, 0.3361** is the 20% darker color. If you saturate the color by 10%, you get **70.4946, 0.3022, 0.3492**, and if you desaturate by 10%, it is **78.7657, 0.3173, 0.3213**.

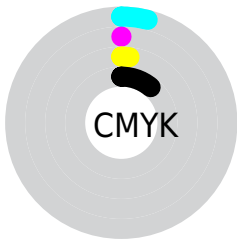
Distribution



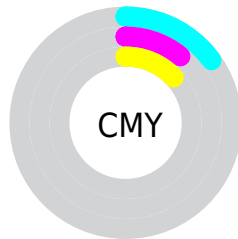
- Red (85%)
- Green (89%)
- Blue (87%)



- Red (85%)
- Yellow (87%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3649, 0.3097, 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 74.3649, 0.3097, 0.3344 by changing the saturation by 10% instead.

■ 74.3649, 0.3097,
0.3344

■ 74.3649, 0.3097,
0.3344

475.7318, 0.3111,
0.3319

■ 55.0927, 0.3094,
0.3350

125.4129, 0.3102,
0.3335

■ 39.4760, 0.3090,
0.3357

157.9576, 0.3104,
0.3332

■ 27.1302, 0.3085,
0.3366

195.6953, 0.3105,
0.3329

■ 17.6710, 0.3078,
0.3377

239.0103, 0.3107,
0.3327

■ 10.7141, 0.3069,
0.3394

288.2870, 0.3108,
0.3324

■ 5.8749, 0.3056,
0.3417

343.9100, 0.3109,

■ 2.7692, 0.3035,

0.3322

406.2634, 0.3110,
0.3321

0.3454

1.0124, 0.2998,
0.3521

0.0000, 0.0000,
0.0000

74.3649, 0.3097,
0.3344

74.3649, 0.3097,
0.3344

70.4946, 0.3022,
0.3492

78.7657, 0.3173,
0.3213

67.1250, 0.2949,
0.3657

82.3091, 0.3198,
0.3094

64.2377, 0.2882,
0.3839

82.8696, 0.3140,
0.3009

61.8096, 0.2823,
0.4035

■ 59.8156, 0.2775,
0.4245

■ 58.2280, 0.2743,
0.4462

■ 57.0158, 0.2729,
0.4681

■ 56.1433, 0.2735,
0.4895

■ 55.5674, 0.2759,
0.5096

Harmonies

Analogous

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



74.3649, 0.3147, 0.3371



74.3649, 0.3097, 0.3344



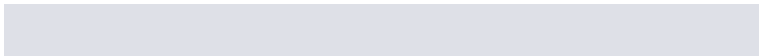
74.3649, 0.3055, 0.3303

Triad

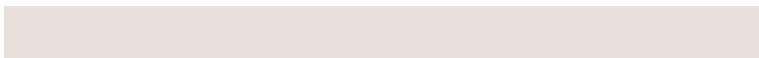
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3649, 0.3097, 0.3344



74.3649, 0.3063, 0.3206



74.3649, 0.3222, 0.3321

Complementary

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



74.3649, 0.3097, 0.3344



71.0845, 0.3158, 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.



74.3649, 0.3199, 0.3277



74.3649, 0.3097, 0.3344



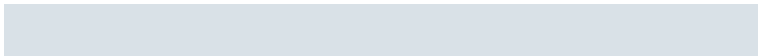
74.3649, 0.3107, 0.3211

Square

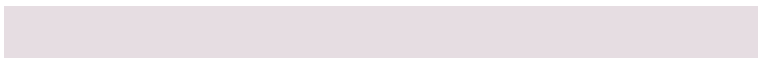
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



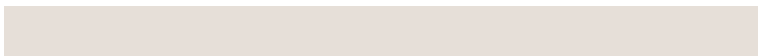
74.3649, 0.3097, 0.3344



74.3649, 0.3036, 0.3223



74.3649, 0.3157, 0.3237



74.3649, 0.3219, 0.3357

Rectangle

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



74.3649, 0.3097, 0.3344



74.3649, 0.3038, 0.3273



74.3649, 0.3157, 0.3237



74.3649, 0.3217, 0.3306

Sweetspot

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



74.3681, 0.3097, 0.3344



99.4288, 0.3119, 0.3303



74.9482, 0.3158, 0.3387



21.2879, 0.3120, 0.3303



0.0000, 0.0000, 0.0000



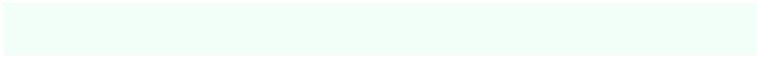
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3681, 0.3097, 0.3344



97.2144, 0.3089, 0.3359



74.6043, 0.3069, 0.3296



15.7569, 0.3084, 0.3368



31.5863, 0.2772, 0.5180



2.2072, 0.2689, 0.4880

Inverse Universe

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



71.0845, 0.3158, 0.3237



91.7728, 0.3167, 0.3222



70.8530, 0.3188, 0.3284



14.7651, 0.3173, 0.3213



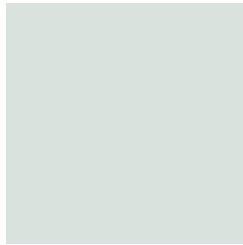
10.0983, 0.4722, 0.2375



0.7179, 0.4425, 0.2211

Previews

White Background



This preview shows how the Yxy color 74.3649, 0.3097, 0.3344 looks on a white background.

Color Contrast Check

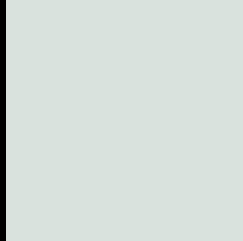
Large Text (above 18pt) WCAG AA × Fail

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 74.3649, 0.3097, 0.3344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

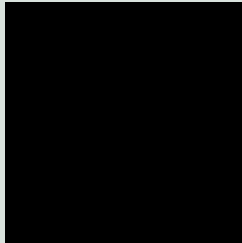
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

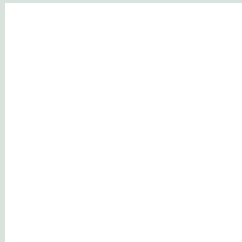
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3649, 0.3097, 0.3344

Background



This preview shows how black text looks on a background with the Yxy color 74.3649, 0.3097, 0.3344.

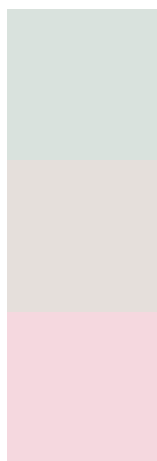


This preview shows how white text looks on a background with the Yxy color 74.3649, 0.3097, 0.3344.

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

74.3649, 0.3097, 0.3344

Protanopia

74.5478, 0.3196, 0.3333

Deuteranopia

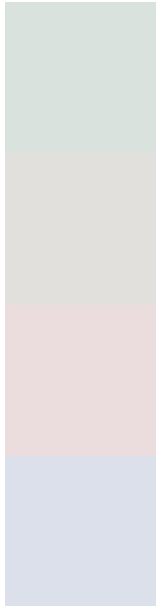
73.8519, 0.3292, 0.3218



Tritanopia

74.3419, 0.2992, 0.3099

Trichromacy



Original Color

74.3649, 0.3097, 0.3344

Protanomaly

74.4862, 0.3160, 0.3333

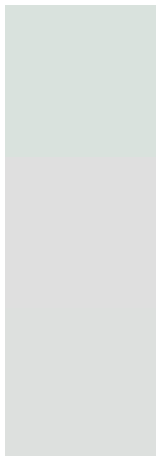
Deuteranomaly

74.1225, 0.3221, 0.3269

Tritanomaly

74.3119, 0.3029, 0.3183

Monochromacy



Original Color

74.3649, 0.3097, 0.3344

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.9574, 0.3119, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3649, 0.3097, 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(217, 226, 221)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 226, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 221) }
```

Border

The CSS property to change the border of an element to Yxy 74.3649, 0.3097, 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(217, 226, 221) }
```

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

```
.border{ border-color:rgb(217, 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(217, 226, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 221);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3649, 0.3097, 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(217, 226, 221) }
```

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

```
.background{ background-color: rgb(217,  
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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