

Converting Colors

$Yxy(73.4448, 0.3102, 0.3301)$

Have a look what the booklet for
Yxy(73.4448, 0.3102, 0.3301)
contains.

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Color

Yxy(73.6991, 0.3099, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	DBE0DF
RGB	219, 224, 223
RGB Percent	86%, 88%, 87%
CMY	0.1411, 0.1216, 0.1256
CMYK	0.02, 0.00, 0.00, 0.12
HSL	168°, 7%, 87%
HSV	168°, 2%, 88%
XYZ	69.1892, 73.6991, 80.3747
YIQ	222.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

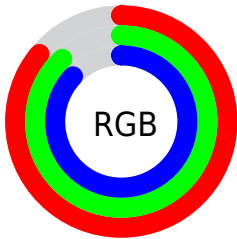
Format	Color
R _Y B	219, 222, 224
Decimal	14409951
CIE Lab	88.78, -1.86, -0.10
CIE LCh	89, 1.858, 182.983
Yxy	73.6991, 0.3099, 0.3301
Android (android.graphics.Color)	4292600031 (0xFFDBE0DF)
YUV	222.3910, 0.3002, -2.9739
Hunter-Lab	85.8482, -6.3726, 4.5839

Details

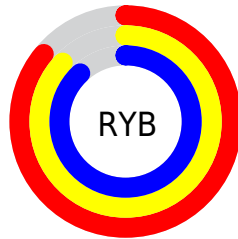
The Yxy color **73.6991, 0.3099, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.6888, 0.3156, 0.3279**, and the grayscale version is **73.3394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.0956, 0.3090, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **70.2134, 0.2975, 0.3354**, and if you desaturate by 10%, it is **77.6654, 0.3226, 0.3254**.

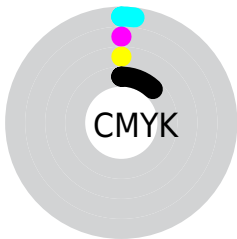
Distribution



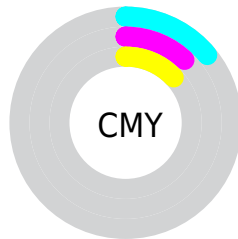
- Red (86%)
- Green (88%)
- Blue (87%)



- Red (86%)
- Yellow (87%)
- Blue (88%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (12%)



- Cyan (14%)
- Magenta (12%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.6991, 0.3099, 0.3301 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 73.6991, 0.3099, 0.3301 by changing the saturation by 10% instead.

■ 73.6991, 0.3099,
0.3301

■ 73.6991, 0.3099,
0.3301

473.4342, 0.3112,
0.3296

■ 54.5478, 0.3096,
0.3302

124.4692, 0.3104,
0.3299

■ 39.0398, 0.3092,
0.3304

156.8567, 0.3105,
0.3299

■ 26.7907, 0.3088,
0.3305

194.4252, 0.3107,
0.3298

■ 17.4161, 0.3082,
0.3308

237.5589, 0.3108,
0.3298

■ 10.5316, 0.3073,
0.3311

286.6422, 0.3109,
0.3297

■ 5.7528, 0.3061,
0.3315

342.0596, 0.3110,

■ 2.6954, 0.3042,

0.3297

0.3323

404.1955, 0.3111,
0.3296

0.9748, 0.3008,
0.3336

0.0000, 0.0000,
0.0000

73.6991, 0.3099,
0.3301

73.6991, 0.3099,
0.3301

70.2134, 0.2975,
0.3354

77.6654, 0.3226,
0.3254

67.1801, 0.2857,
0.3412


80.4096, 0.3292,
0.3209

64.5828, 0.2749,
0.3474


80.6749, 0.3261,
0.3164


62.3999, 0.2653,
0.3541


80.9470, 0.3230,
0.3119


 60.6086, 0.2571,
0.3612


 81.2261, 0.3200,
0.3075


 59.1832, 0.2507,
0.3685

 81.5122, 0.3170,
0.3031

 58.0955, 0.2462,
0.3760

 81.7931, 0.3141,
0.2989

 57.3127, 0.2437,
0.3836

 56.7955, 0.2430,
0.3911

Harmonies

Analogous

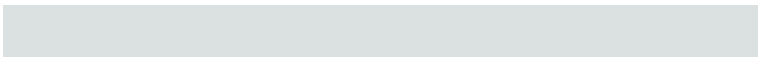
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.6991, 0.3119, 0.3318



73.6991, 0.3099, 0.3301



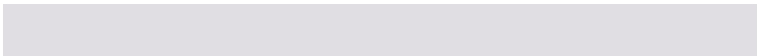
73.6991, 0.3086, 0.3281

Triad

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



73.6991, 0.3099, 0.3301



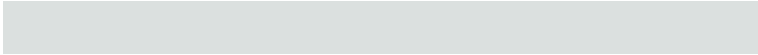
73.6991, 0.3113, 0.3253



73.6991, 0.3170, 0.3317

Complementary

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



73.6991, 0.3099, 0.3301



71.6888, 0.3156, 0.3279

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.



73.6991, 0.3168, 0.3299



73.6991, 0.3099, 0.3301



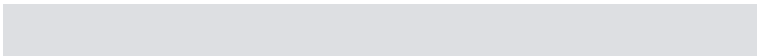
73.6991, 0.3135, 0.3263

Square

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



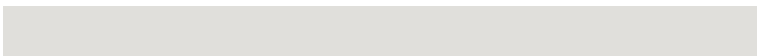
73.6991, 0.3099, 0.3301



73.6991, 0.3094, 0.3253



73.6991, 0.3156, 0.3279



73.6991, 0.3160, 0.3327

Rectangle

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



73.6991, 0.3099, 0.3301



73.6991, 0.3084, 0.3269



73.6991, 0.3156, 0.3279



73.6991, 0.3171, 0.3311

Sweetspot

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



73.7023, 0.3099, 0.3301



99.4859, 0.3114, 0.3295



73.6592, 0.3132, 0.3344



21.2995, 0.3115, 0.3295



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.



73.7023, 0.3099, 0.3301



98.4770, 0.3089, 0.3305



73.0013, 0.3093, 0.3275



15.9565, 0.3079, 0.3309



32.9188, 0.2433, 0.3958



2.2941, 0.2401, 0.3842

Inverse Universe

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



71.6888, 0.3156, 0.3279



94.8305, 0.3167, 0.3275



72.3752, 0.3162, 0.3305



15.2186, 0.3177, 0.3271



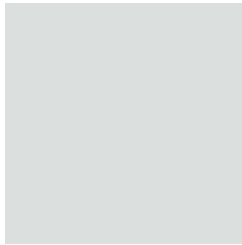
9.3525, 0.6053, 0.3108



0.6612, 0.5627, 0.2873

Previews

White Background



This preview shows how the Yxy color 73.6991, 0.3099, 0.3301 looks on a white background.

Color Contrast Check

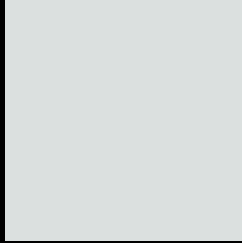
Large Text (above 18pt) WCAG AA × Fail

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 73.6991, 0.3099, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

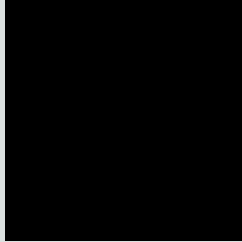
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

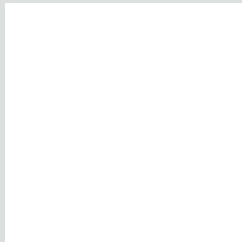
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.6991, 0.3099, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 73.6991, 0.3099, 0.3301.

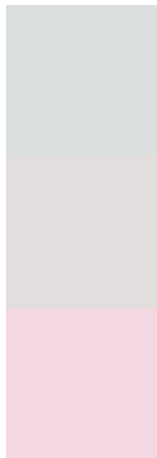


This preview shows how white text looks on a background with the Yxy color 73.6991, 0.3099, 0.3301.

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

73.6991, 0.3099, 0.3301

Protanopia

73.8474, 0.3163, 0.3290

Deuteranopia

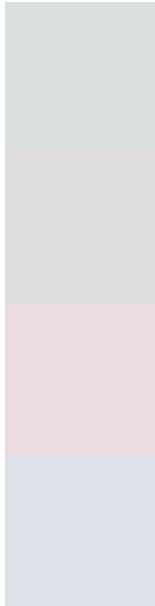
73.6027, 0.3263, 0.3197



Tritanopia

74.0041, 0.3018, 0.3110

Trichromacy



Original Color

73.6991, 0.3099, 0.3301

Protanomaly

73.8966, 0.3141, 0.3301

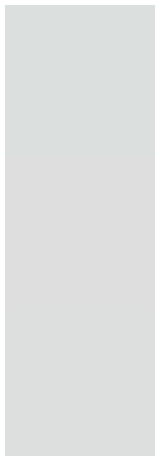
Deuteranomaly

73.5373, 0.3201, 0.3238

Tritanomaly

74.0307, 0.3049, 0.3183

Monochromacy



Original Color

73.6991, 0.3099, 0.3301

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4214, 0.3120, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.6991, 0.3099, 0.3301 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, 224, 223) looks like.

```
.text, #text, p{  
    color:rgb(219, 224, 223)  
}
```

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, 224, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 224, 223) }
```

Border

The CSS property to change the border of an element to Yxy 73.6991, 0.3099, 0.3301 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, 224, 223) }
```

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

```
.border{ border-color:rgb(219, 224, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 224, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 224, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 224, 223); box-shadow:4px 4px 4px 4px rgb(219, 224, 223) }
```


Background

The CSS property to change the background color of an element to Yxy 73.6991, 0.3099, 0.3301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 224, 223) }
```

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

```
.background{ background-color: rgb(219,  
224, 223) }
```

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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