

Converting Colors

$Yxy(73.8215, 0.3001, 0.3319)$

Have a look what the booklet for
Yxy(73.8215, 0.3001, 0.3319)
contains.

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Color

Yxy(74.0449, 0.2997, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	CEE4E1
RGB	206, 228, 225
RGB Percent	81%, 89%, 88%
CMY	0.1923, 0.1058, 0.1177
CMYK	0.10, 0.00, 0.01, 0.11
HSL	172°, 29%, 85%
HSV	172°, 10%, 89%
XYZ	66.7808, 74.0449, 81.9998
YIQ	221.0800, -12.1490, -5.5970

Conversions

Conversions Part 2

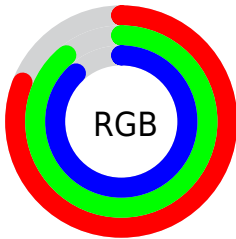
Format	Color
R _Y B	206, 218, 228
Decimal	13559009
CIE Lab	88.94, -7.84, -1.02
CIE LCh	89, 7.908, 187.445
Yxy	74.0449, 0.2997, 0.3323
Android (android.graphics.Color)	4291749089 (0xFFCEE4E1)
YUV	221.0800, 1.9326, -13.2252
Hunter-Lab	86.0493, -12.0569, 3.7348

Details

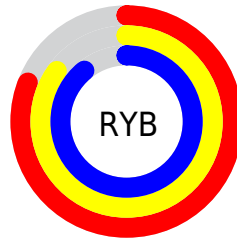
The Yxy color **74.0449, 0.2997, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2293, 0.3274, 0.3257**, and the grayscale version is **72.3566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4648, 0.2968, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **70.8494, 0.2869, 0.3360**, and if you desaturate by 10%, it is **77.7232, 0.3132, 0.3289**.

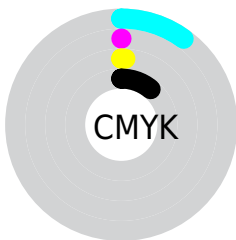
Distribution



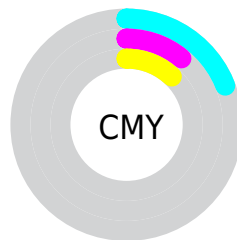
- Red (81%)
- Green (89%)
- Blue (88%)



- Red (81%)
- Yellow (85%)
- Blue (89%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0449, 0.2997, 0.3323 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 74.0449, 0.2997, 0.3323 by changing the saturation by 10% instead.

■ 74.0449, 0.2997,
0.3323

■ 74.0449, 0.2997,
0.3323

474.6283, 0.3057,
0.3308

■ 54.8308, 0.2983,
0.3326

124.9595, 0.3018,
0.3318

■ 39.2663, 0.2966,
0.3331

157.4287, 0.3026,
0.3316

■ 26.9669, 0.2945,
0.3336

195.0851, 0.3033,
0.3314

■ 17.5484, 0.2917,
0.3342

238.3130, 0.3039,
0.3313

■ 10.6262, 0.2879,
0.3352

287.4969, 0.3044,
0.3311

■ 5.8161, 0.2825,
0.3364

343.0212, 0.3049,

■ 2.7336, 0.2740,

0.3310

405.2702, 0.3053,
0.3309

0.3384

0.9943, 0.2580,
0.3422

0.0000, 0.0000,
0.0000

74.0449, 0.2997,
0.3323

74.0449, 0.2997,
0.3323

70.8494, 0.2869,
0.3360

77.7232, 0.3132,
0.3289

68.1069, 0.2750,
0.3401

81.8939, 0.3270,
0.3258


65.7988, 0.2643,
0.3444


82.7159, 0.3274,
0.3228

63.9015, 0.2552,
0.3490

82.8975, 0.3253,
0.3197


 62.3893, 0.2478,
0.3537

 83.0824, 0.3232,
0.3167

 61.2333, 0.2423,
0.3585


 83.2704, 0.3212,
0.3136

 60.4007, 0.2387,
0.3634

 83.4616, 0.3192,
0.3106

 59.8526, 0.2371,
0.3682

 83.6561, 0.3171,
0.3076

 59.5239, 0.2370,
0.3730

 83.8538, 0.3151,
0.3047

Harmonies

Analogous

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



74.0449, 0.3079, 0.3401



74.0449, 0.2997, 0.3323



74.0449, 0.2950, 0.3237

Triad

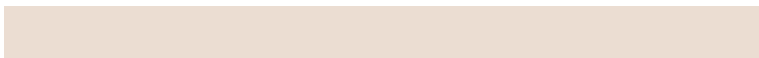
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.0449, 0.2997, 0.3323



74.0449, 0.3078, 0.3138



74.0449, 0.3307, 0.3411

Complementary

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



74.0449, 0.2997, 0.3323



65.2293, 0.3274, 0.3257

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.



74.0449, 0.3308, 0.3339



74.0449, 0.2997, 0.3323



74.0449, 0.3174, 0.3183

Square

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



74.0449, 0.2997, 0.3323



74.0449, 0.2996, 0.3131



74.0449, 0.3259, 0.3256



74.0449, 0.3258, 0.3451

Rectangle

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



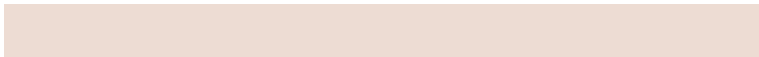
74.0449, 0.2997, 0.3323



74.0449, 0.2945, 0.3187



74.0449, 0.3259, 0.3256



74.0449, 0.3313, 0.3389

Sweetspot

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



74.0480, 0.2997, 0.3323



98.5105, 0.3086, 0.3300



73.5452, 0.3138, 0.3537



21.0022, 0.3075, 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.



74.0480, 0.2997, 0.3323



94.3840, 0.2965, 0.3332



70.0640, 0.2978, 0.3204



16.3006, 0.3000, 0.3322



34.3743, 0.2368, 0.3724



2.5496, 0.2348, 0.3654

Inverse Universe

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



65.2293, 0.3274, 0.3257



80.4211, 0.3316, 0.3249



68.8862, 0.3287, 0.3375



14.4000, 0.3271, 0.3258



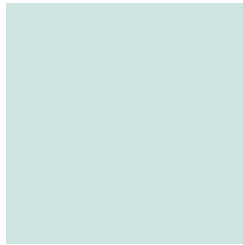
9.5922, 0.6216, 0.3198



0.7191, 0.5877, 0.3011

Previews

White Background



This preview shows how the Yxy color 74.0449, 0.2997, 0.3323 looks on a white background.

Color Contrast Check

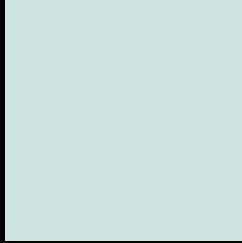
Large Text (above 18pt) WCAG AA × Fail

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 74.0449, 0.2997, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

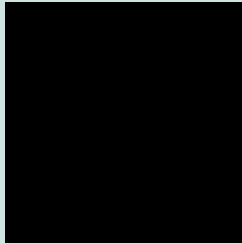
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

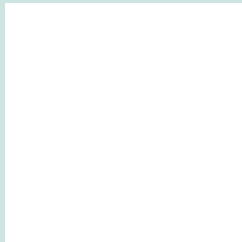
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.0449, 0.2997, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 74.0449, 0.2997, 0.3323.

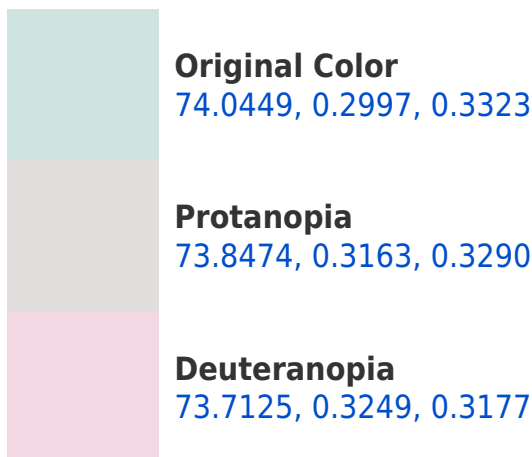


This preview shows how white text looks on a background with the Yxy color 74.0449, 0.2997, 0.3323.

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

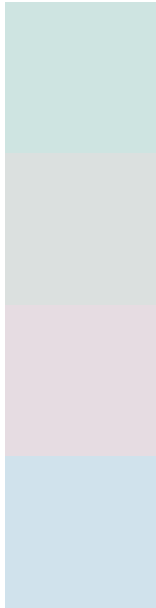




Tritanopia

73.8768, 0.2908, 0.3095

Trichromacy



Original Color

74.0449, 0.2997, 0.3323

Protanomaly

73.6991, 0.3099, 0.3301

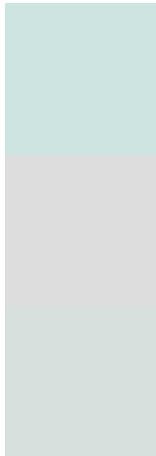
Deuteranomaly

73.5004, 0.3159, 0.3227

Tritanomaly

73.8587, 0.2943, 0.3181

Monochromacy



Original Color

74.0449, 0.2997, 0.3323

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.1842, 0.3084, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.0449, 0.2997, 0.3323 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(206, 228, 225)` looks like.

```
.text, #text, p{  
    color:rgb(206, 228, 225)  
}
```

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(206, 228, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 228, 225) }
```

Border

The CSS property to change the border of an element to Yxy 74.0449, 0.2997, 0.3323 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(206, 228, 225) }
```

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

```
.border{ border-color:rgb(206, 228, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 228, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 228, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 228, 225);  
box-shadow:4px 4px 4px 4px rgb(206, 228,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 74.0449, 0.2997, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 228, 225) }
```

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

```
.background{ background-color: rgb(206,  
228, 225) }
```

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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