

Converting Colors

$Yxy(74.7803, 0.3013, 0.3301)$

Have a look what the booklet for
Yxy(74.7803, 0.3013, 0.3301)
contains.

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Color

Yxy(74.7345, 0.3011, 0.3301)

Conversions

Conversions Part 1

Format	Color
Hex	D2E4E3
RGB	210, 228, 227
RGB Percent	82%, 89%, 89%
CMY	0.1768, 0.1058, 0.1098
CMYK	0.08, 0.00, 0.00, 0.11
HSL	177°, 25%, 86%
HSV	177°, 8%, 89%
XYZ	68.1689, 74.7345, 83.4962
YIQ	222.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

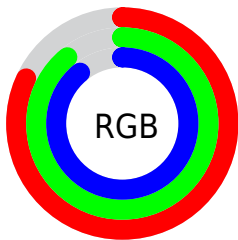
Format	Color
R _Y B	210, 219, 228
Decimal	13821155
CIE Lab	89.27, -6.18, -1.56
CIE LCh	89, 6.377, 194.205
Yxy	74.7345, 0.3011, 0.3301
Android (android.graphics.Color)	4292011235 (0xFFD2E4E3)
YUV	222.5040, 2.2165, -10.9660
Hunter-Lab	86.4491, -10.5309, 3.2496

Details

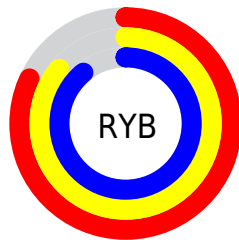
The Yxy color **74.7345, 0.3011, 0.3301** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.2551, 0.3256, 0.3279**, and the grayscale version is **73.4045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.8343, 0.2978, 0.3304** is the 20% darker color. If you saturate the color by 10%, you get **71.5553, 0.2871, 0.3316**, and if you desaturate by 10%, it is **78.3973, 0.3158, 0.3287**.

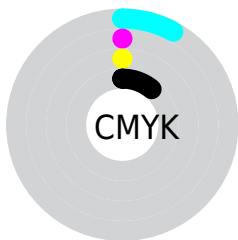
Distribution



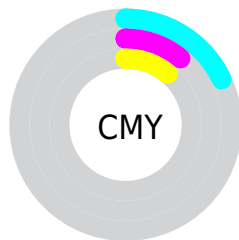
- Red (82%)
- Green (89%)
- Blue (89%)



- Red (82%)
- Yellow (86%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



- Cyan (18%)
- Magenta (11%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.7345, 0.3011, 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 74.7345, 0.3011, 0.3301 by changing the saturation by 10% instead.

■ 74.7345, 0.3011,
0.3301

■ 74.7345, 0.3011,
0.3301

477.0045, 0.3064,
0.3296

■ 55.3954, 0.2999,
0.3302

125.9365, 0.3029,
0.3299

■ 39.7184, 0.2984,
0.3303

158.5681, 0.3037,
0.3299

■ 27.3190, 0.2965,
0.3305

196.3994, 0.3043,
0.3298

■ 17.8130, 0.2940,
0.3307

239.8148, 0.3048,
0.3298

■ 10.8158, 0.2907,
0.3309

289.1986, 0.3053,
0.3297

■ 5.9431, 0.2859,
0.3313

344.9352, 0.3057,

■ 2.8105, 0.2784,

0.3297

0.3318

407.4091, 0.3061,
0.3297

■ 1.0336, 0.2651,
0.3325

■ 0.0000, 0.0000,
0.0000

■ 74.7345, 0.3011,
0.3301

■ 74.7345, 0.3011,
0.3301

■ 71.5553, 0.2871,
0.3316

■ 78.3973, 0.3158,
0.3287

■ 68.8303, 0.2742,
0.3332


■ 82.4528, 0.3305,
0.3275

■ 66.5410, 0.2625,
0.3350

■ 82.5264, 0.3297,
0.3262

■ 64.6644, 0.2525,
0.3368


■ 82.6005, 0.3288,
0.3249

 63.1749, 0.2442,
0.3387


 82.6753, 0.3279,
0.3236


 62.0444, 0.2378,
0.3406


 82.7505, 0.3270,
0.3223

 61.2409, 0.2333,
0.3425

 82.8263, 0.3262,
0.3210

 60.7268, 0.2307,
0.3444

 82.9027, 0.3253,
0.3198

 60.4496, 0.2298,
0.3463

 82.9796, 0.3244,
0.3185

Harmonies

Analogous

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



74.7345, 0.3072, 0.3367



74.7345, 0.3011, 0.3301



74.7345, 0.2981, 0.3233

Triad

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



74.7345, 0.3011, 0.3301



74.7345, 0.3105, 0.3173



74.7345, 0.3266, 0.3397

Complementary

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



74.7345, 0.3011, 0.3301



67.2551, 0.3256, 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.



74.7345, 0.3276, 0.3344



74.7345, 0.3011, 0.3301



74.7345, 0.3182, 0.3216

Square

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



74.7345, 0.3011, 0.3301



74.7345, 0.3035, 0.3160



74.7345, 0.3245, 0.3278



74.7345, 0.3219, 0.3422

Rectangle

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



74.7345, 0.3011, 0.3301



74.7345, 0.2983, 0.3196



74.7345, 0.3245, 0.3278



74.7345, 0.3274, 0.3382

Sweetspot

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



74.7377, 0.3011, 0.3301



99.0267, 0.3097, 0.3293



74.0193, 0.3126, 0.3491



21.2060, 0.3099, 0.3293



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.



74.7377, 0.3011, 0.3301



95.3865, 0.2981, 0.3304



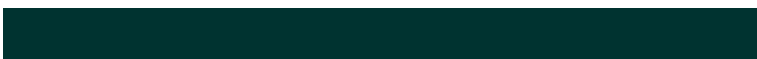
70.5755, 0.3005, 0.3203



16.3214, 0.2989, 0.3303



34.8771, 0.2296, 0.3464



2.5817, 0.2288, 0.3436

Inverse Universe

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



67.2551, 0.3256, 0.3279



83.3431, 0.3295, 0.3276



71.1706, 0.3255, 0.3375



14.3813, 0.3284, 0.3277



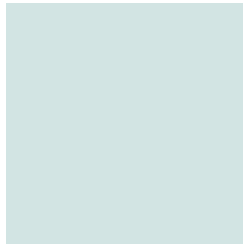
9.5467, 0.6338, 0.3265



0.7102, 0.6167, 0.3171

Previews

White Background



This preview shows how the Yxy color 74.7345, 0.3011, 0.3301 looks on a white background.

Color Contrast Check

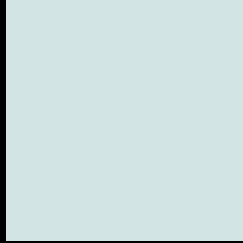
Large Text (above 18pt) WCAG AA × Fail

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 74.7345, 0.3011, 0.3301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

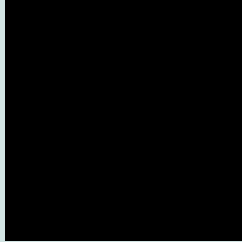
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

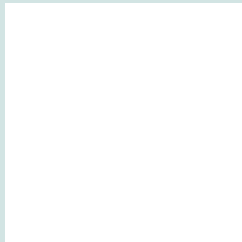
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7345, 0.3011, 0.3301

Background



This preview shows how black text looks on a background with the Yxy color 74.7345, 0.3011, 0.3301.

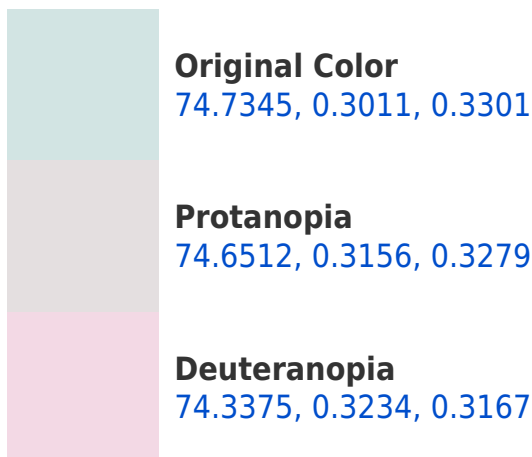


This preview shows how white text looks on a background with the Yxy color 74.7345, 0.3011, 0.3301.

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

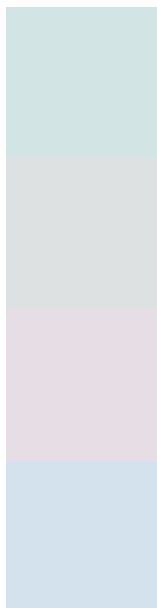




Tritanopia

74.4676, 0.2934, 0.3097

Trichromacy



Original Color

74.7345, 0.3011, 0.3301

Protanomaly

74.6588, 0.3099, 0.3290

Deuteranomaly

74.3033, 0.3152, 0.3216

Tritanomaly

74.5042, 0.2964, 0.3171

Monochromacy



Original Color

74.7345, 0.3011, 0.3301

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.5986, 0.3085, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7345, 0.3011, 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(210, 228, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 228, 227)  
}
```

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(210, 228, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 228, 227) }
```

Border

The CSS property to change the border of an element to Yxy 74.7345, 0.3011, 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(210, 228, 227) }
```

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

```
.border{ border-color:rgb(210, 228, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 228, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 228, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 228, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 228,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7345, 0.3011, 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(210, 228, 227) }
```

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

```
.background{ background-color: rgb(210,  
228, 227) }
```

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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