

Converting Colors

$Yxy(74.1953, 0.3071, 0.3312)$

Have a look what the booklet for
Yxy(74.1953, 0.3071, 0.3312)
contains.

Yxy(74.3735, 0.3071, 0.3312)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.3735, 0.3071, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D8E2E0
RGB	216, 226, 224
RGB Percent	85%, 89%, 88%
CMY	0.1530, 0.1137, 0.1217
CMYK	0.04, 0.00, 0.01, 0.11
HSL	168°, 15%, 87%
HSV	168°, 4%, 89%
XYZ	68.9617, 74.3735, 81.2225
YIQ	222.7820, -5.3180, -2.7420

Conversions

Conversions Part 2

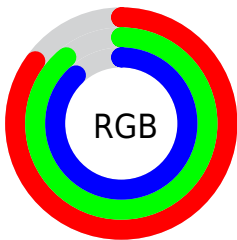
Format	Color
R_{YB}	216, 222, 226
Decimal	14213856
CIE _{Lab}	89.10, -3.72, -0.18
CIE _{LCh}	89, 3.726, 182.778
Yxy	74.3735, 0.3071, 0.3312
Android (android.graphics.Color)	4292403936 (0xFFD8E2E0)
YUV	222.7820, 0.6005, -5.9478
Hunter-Lab	86.2401, -8.1830, 4.5276

Details

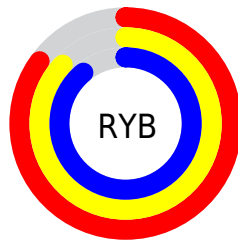
The Yxy color **74.3735, 0.3071, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.3344, 0.3186, 0.3268**, and the grayscale version is **73.6262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5675, 0.3054, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **70.9222, 0.2948, 0.3365**, and if you desaturate by 10%, it is **78.3113, 0.3198, 0.3264**.

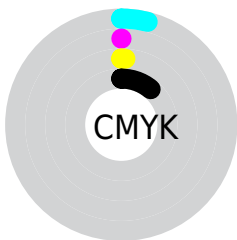
Distribution



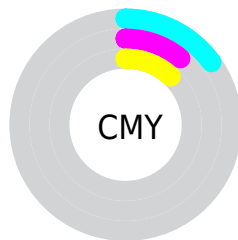
- Red (85%)
- Green (89%)
- Blue (88%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



- Cyan (15%)
- Magenta (11%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3735, 0.3071, 0.3312 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 74.3735, 0.3071, 0.3312 by changing the saturation by 10% instead.

■ 74.3735, 0.3071,
0.3312

■ 74.3735, 0.3071,
0.3312

475.7614, 0.3097,
0.3302

■ 55.0998, 0.3065,
0.3314

125.4251, 0.3080,
0.3309

■ 39.4816, 0.3058,
0.3317

157.9718, 0.3083,
0.3307

■ 27.1346, 0.3049,
0.3321

195.7117, 0.3086,
0.3306

■ 17.6743, 0.3036,
0.3325

239.0290, 0.3089,
0.3305

■ 10.7164, 0.3020,
0.3332

288.3083, 0.3091,
0.3304

■ 5.8765, 0.2996,
0.3341

343.9338, 0.3093,

■ 2.7701, 0.2959,

0.3303

406.2901, 0.3095,
0.3303

0.3355

1.0129, 0.2893,
0.3380

0.0000, 0.0000,
0.0000

74.3735, 0.3071,
0.3312

74.3735, 0.3071,
0.3312

70.9222, 0.2948,
0.3365

78.3113, 0.3198,
0.3264

67.9286, 0.2832,
0.3424

81.5532, 0.3284,
0.3220

65.3754, 0.2725,
0.3487

81.8195, 0.3253,
0.3175

63.2405, 0.2632,
0.3554

82.0927, 0.3222,
0.3130

■ 61.4997, 0.2554,
0.3624

■ 82.3728, 0.3192,
0.3086

■ 60.1264, 0.2494,
0.3698

■ 82.6599, 0.3163,
0.3042

■ 59.0908, 0.2453,
0.3772

■ 82.8807, 0.3140,
0.3009

■ 58.3582, 0.2432,
0.3847

■ 57.8863, 0.2430,
0.3921

Harmonies

Analogous

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



74.3735, 0.3112, 0.3347



74.3735, 0.3071, 0.3312



74.3735, 0.3046, 0.3272

Triad

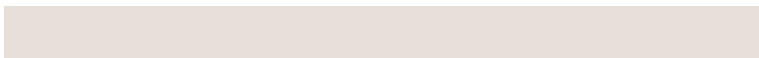
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3735, 0.3071, 0.3312



74.3735, 0.3098, 0.3216



74.3735, 0.3213, 0.3343

Complementary

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



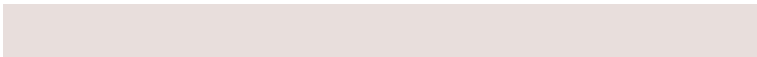
74.3735, 0.3071, 0.3312



70.3344, 0.3186, 0.3268

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.



74.3735, 0.3210, 0.3308



74.3735, 0.3071, 0.3312



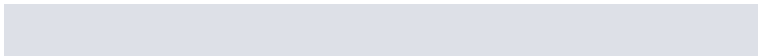
74.3735, 0.3143, 0.3235

Square

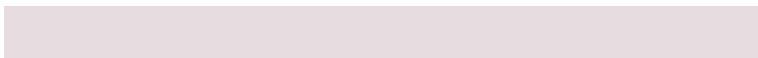
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3735, 0.3071, 0.3312



74.3735, 0.3061, 0.3217



74.3735, 0.3184, 0.3268



74.3735, 0.3194, 0.3364

Rectangle

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



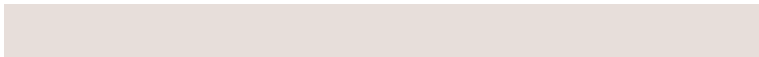
74.3735, 0.3071, 0.3312



74.3735, 0.3041, 0.3247



74.3735, 0.3184, 0.3268



74.3735, 0.3215, 0.3332

Sweetspot

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



74.3767, 0.3071, 0.3312



99.4862, 0.3114, 0.3295



74.2864, 0.3137, 0.3400



21.2996, 0.3115, 0.3295



0.0000, 0.0000, 0.0000



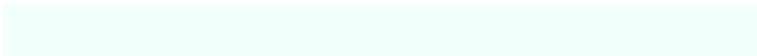
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3767, 0.3071, 0.3312



97.4957, 0.3064, 0.3315



72.9541, 0.3059, 0.3259



15.8082, 0.3056, 0.3318



32.9299, 0.2431, 0.3950



2.2948, 0.2399, 0.3836

Inverse Universe

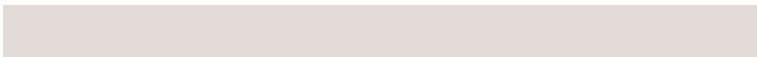
The Inverse Universe completely reimagines the original color for something new.



70.3344, 0.3186, 0.3268



91.4961, 0.3195, 0.3265



71.6978, 0.3198, 0.3321



14.7147, 0.3204, 0.3262



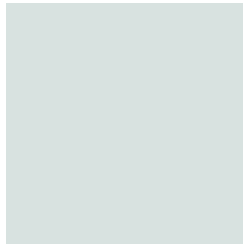
9.3502, 0.6058, 0.3111



0.6610, 0.5633, 0.2877

Previews

White Background



This preview shows how the Yxy color 74.3735, 0.3071, 0.3312 looks on a white background.

Color Contrast Check

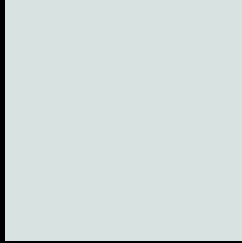
Large Text (above 18pt) WCAG AA × Fail

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 74.3735, 0.3071, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

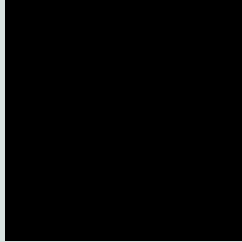
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

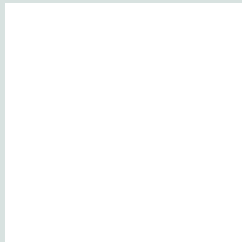
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3735, 0.3071, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 74.3735, 0.3071, 0.3312.

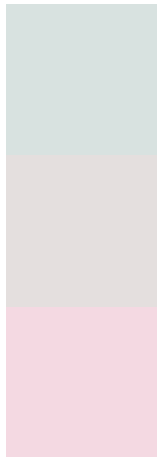


This preview shows how white text looks on a background with the Yxy color 74.3735, 0.3071, 0.3312.

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

74.3735, 0.3071, 0.3312

Protanopia

74.5433, 0.3169, 0.3301

Deuteranopia

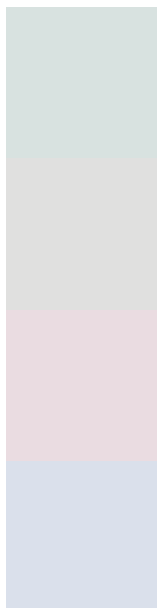
74.3498, 0.3262, 0.3198



Tritanopia

74.1863, 0.2985, 0.3098

Trichromacy



Original Color

74.3735, 0.3071, 0.3312

Protanomaly

74.4863, 0.3134, 0.3301

Deuteranomaly

74.1151, 0.3194, 0.3238

Tritanomaly

74.2149, 0.3016, 0.3172

Monochromacy



Original Color

74.3735, 0.3071, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.8547, 0.3106, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3735, 0.3071, 0.3312 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(216, 226, 224) looks like.

```
.text, #text, p{  
    color:rgb(216, 226, 224)  
}
```

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(216, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 226, 224) }
```

Border

The CSS property to change the border of an element to Yxy 74.3735, 0.3071, 0.3312 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(216, 226, 224) }
```

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

```
.border{ border-color:rgb(216, 226, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 226, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(216, 226,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3735, 0.3071, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 226, 224) }
```

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

```
.background{ background-color: rgb(216,  
226, 224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor