

Converting Colors

$Y_{xy}(74.5357, 0.3134, 0.3314)$

Have a look what the booklet for
Yxy(74.5357, 0.3134, 0.3314)
contains.

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Color

Yxy(74.2732, 0.3133, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	DFE0DE
RGB	223, 224, 222
RGB Percent	87%, 88%, 87%
CMY	0.1257, 0.1215, 0.1295
CMYK	0.00, 0.00, 0.01, 0.12
HSL	91°, 3%, 87%
HSV	91°, 1%, 88%
XYZ	70.2590, 74.2732, 79.7226
YIQ	223.4730, 0.0460, -0.8340

Conversions

Conversions Part 2

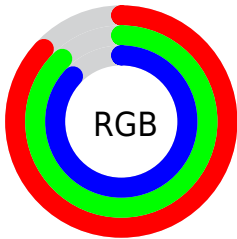
Format	Color
RYP	222, 224, 223
Decimal	14672094
CIE Lab	89.05, -0.72, 0.86
CIE LCh	89, 1.122, 129.824
Yxy	74.2732, 0.3133, 0.3312
Android (android.graphics.Color)	4292862174 (0xFFDFE0DE)
YUV	223.4730, -0.7262, -0.4148
Hunter-Lab	86.1819, -5.2978, 5.4811

Details

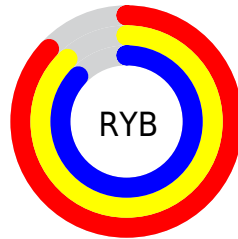
The Yxy color **74.2732, 0.3133, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.3073, 0.3121, 0.3268**, and the grayscale version is **74.1479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4908, 0.3135, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **71.3662, 0.3197, 0.3566**, and if you desaturate by 10%, it is **77.4736, 0.3070, 0.3081**.

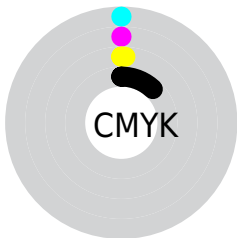
Distribution



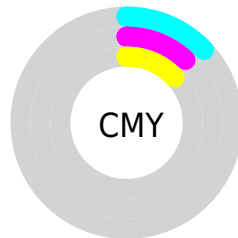
- Red (87%)
- Green (88%)
- Blue (87%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (12%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2732, 0.3133, 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 74.2732, 0.3133, 0.3312 by changing the saturation by 10% instead.

■ 74.2732, 0.3133,
0.3312

■ 74.2732, 0.3133,
0.3312

475.4157, 0.3130,
0.3302

■ 55.0177, 0.3134,
0.3314

125.2830, 0.3132,
0.3309

■ 39.4159, 0.3134,
0.3317

157.8061, 0.3132,
0.3307

■ 27.0834, 0.3135,
0.3321

195.5205, 0.3131,
0.3306

■ 17.6359, 0.3137,
0.3325

238.8105, 0.3131,
0.3305

■ 10.6889, 0.3138,
0.3332

288.0607, 0.3131,
0.3304

■ 5.8580, 0.3141,
0.3341

343.6554, 0.3131,

■ 2.7590, 0.3144,

0.3303

405.9789, 0.3131,
0.3303

0.3356

1.0072, 0.3151,
0.3382

0.0000, 0.0000,
0.0000

74.2732, 0.3133,
0.3312

74.2732, 0.3133,
0.3312

71.3662, 0.3197,
0.3566

77.4736, 0.3070,
0.3081

68.7343, 0.3260,
0.3841

80.1841, 0.3082,
0.2984

66.3714, 0.3319,
0.4133

81.8026, 0.3141,
0.2990

64.2676, 0.3370,
0.4436

■ 62.4123, 0.3410,
0.4737

■ 60.7943, 0.3433,
0.5023

■ 59.4008, 0.3436,
0.5279

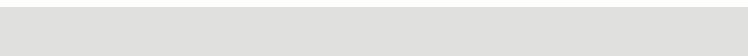
■ 58.2180, 0.3418,
0.5489

■ 57.2296, 0.3379,
0.5643

Harmonies

Analogous

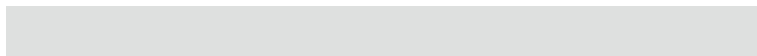
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.2732, 0.3145, 0.3313



74.2732, 0.3133, 0.3312



74.2732, 0.3119, 0.3305

Triad

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



74.2732, 0.3133, 0.3312



74.2732, 0.3102, 0.3272



74.2732, 0.3147, 0.3286

Complementary

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



74.2732, 0.3133, 0.3312



73.3073, 0.3121, 0.3268

Split Complementary

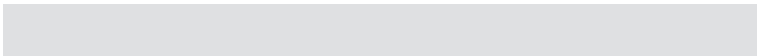
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.2732, 0.3135, 0.3276



74.2732, 0.3133, 0.3312



74.2732, 0.3109, 0.3267

Square

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



74.2732, 0.3133, 0.3312



74.2732, 0.3102, 0.3282



74.2732, 0.3121, 0.3269



74.2732, 0.3153, 0.3298

Rectangle

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



74.2732, 0.3133, 0.3312



74.2732, 0.3111, 0.3298



74.2732, 0.3121, 0.3269



74.2732, 0.3143, 0.3283

Sweetspot

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



74.2764, 0.3133, 0.3312

100.0000, 0.3127, 0.3290



73.9161, 0.3141, 0.3301



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



74.2764, 0.3133, 0.3312



99.5861, 0.3134, 0.3314



74.1229, 0.3126, 0.3312



16.2016, 0.3133, 0.3313



32.9344, 0.3341, 0.5729



2.3359, 0.3460, 0.5635

Inverse Universe

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



73.3073, 0.3121, 0.3268



98.1525, 0.3121, 0.3266



73.4617, 0.3128, 0.3268



15.9828, 0.3121, 0.3267



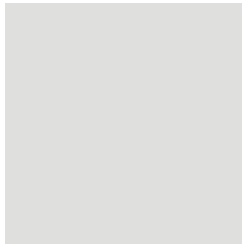
5.3848, 0.2067, 0.0912



0.4265, 0.2231, 0.1003

Previews

White Background



This preview shows how the Yxy color 74.2732, 0.3133, 0.3312 looks on a white background.

Color Contrast Check

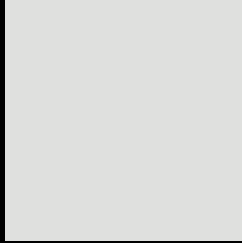
Large Text (above 18pt) WCAG AA × Fail

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 74.2732, 0.3133, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

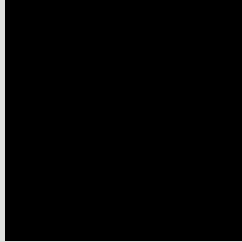
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

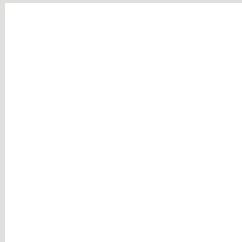
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2732, 0.3133, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 74.2732, 0.3133, 0.3312.

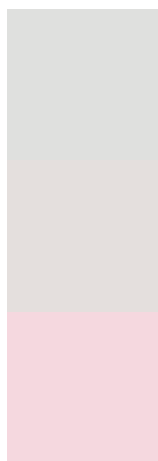


This preview shows how white text looks on a background with the Yxy color 74.2732, 0.3133, 0.3312.

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

74.2732, 0.3133, 0.3312

Protanopia

74.4898, 0.3176, 0.3311

Deuteranopia

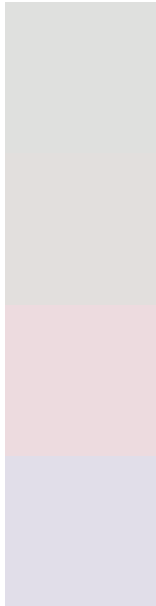
73.8519, 0.3292, 0.3218



Tritanopia

74.1136, 0.3045, 0.3100

Trichromacy



Original Color

74.2732, 0.3133, 0.3312

Protanomaly

74.1646, 0.3161, 0.3312

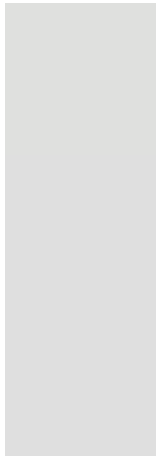
Deuteranomaly

73.9953, 0.3230, 0.3248

Tritanomaly

74.1333, 0.3077, 0.3173

Monochromacy



Original Color

74.2732, 0.3133, 0.3312

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.7910, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2732, 0.3133, 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(223, 224, 222)` looks like.

```
.text, #text, p{  
    color:rgb(223, 224, 222)  
}
```

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(223, 224, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 224, 222) }
```

Border

The CSS property to change the border of an element to Yxy 74.2732, 0.3133, 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(223, 224, 222) }
```

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

```
.border{ border-color:rgb(223, 224, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 224, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 224, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 224, 222);  
box-shadow:4px 4px 4px 4px rgb(223, 224,  
222) }
```

Background

The CSS property to change the background color of an element to Yxy 74.2732, 0.3133, 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(223, 224, 222) }
```

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

```
.background{ background-color: rgb(223,  
224, 222) }
```

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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