

Converting Colors

$Yxy(74.3480, 0.3122, 0.3418)$

Have a look what the booklet for
Yxy(74.3480, 0.3122, 0.3418)
contains.

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Color

Yxy(74.2915, 0.3121, 0.3422)

Conversions

Conversions Part 1

Format	Color
Hex	D7E3D7
RGB	215, 227, 215
RGB Percent	84%, 89%, 84%
CMY	0.1569, 0.1098, 0.1569
CMYK	0.05, 0.00, 0.05, 0.11
HSL	120°, 18%, 87%
HSV	120°, 5%, 89%
XYZ	67.7568, 74.2915, 75.0513
YIQ	222.0440, -3.3000, -6.2760

Conversions

Conversions Part 2

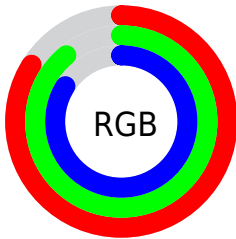
Format	Color
R_{YB}	215, 227, 227
Decimal	14148567
CIE Lab	89.06, -6.19, 4.47
CIE LCh	89, 7.632, 144.166
Yxy	74.2915, 0.3121, 0.3422
Android (android.graphics.Color)	4292338647 (0xFFD7E3D7)
YUV	222.0440, -3.4727, -6.1776
Hunter-Lab	86.1925, -10.5163, 8.7085

Details

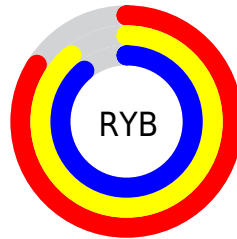
The Yxy color **74.2915, 0.3121, 0.3422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.4742, 0.3133, 0.3161**, and the grayscale version is **73.1072, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.5167, 0.3119, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **70.0072, 0.3108, 0.3698**, and if you desaturate by 10%, it is **79.2205, 0.3132, 0.3181**.

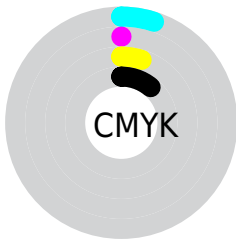
Distribution



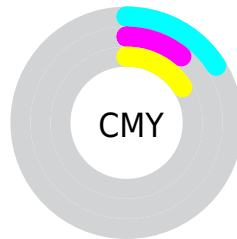
- Red (84%)
- Green (89%)
- Blue (84%)



- Red (84%)
- Yellow (89%)
- Blue (89%)



- Cyan (5%)
- Magenta (0%)
- Yellow (5%)
- Black (11%)





- Cyan (16%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2915, 0.3121, 0.3422 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 74.2915, 0.3121, 0.3422 by changing the saturation by 10% instead.

 74.2915, 0.3121,
0.3422

 74.2915, 0.3121,
0.3422

475.4788, 0.3124,
0.3361

 55.0327, 0.3120,
0.3436


125.3089, 0.3122,
0.3401

 39.4279, 0.3119,
0.3454


157.8363, 0.3123,
0.3392

 27.0927, 0.3118,
0.3476


195.5554, 0.3123,
0.3385

 17.6429, 0.3116,
0.3505

238.8504, 0.3123,
0.3379

 10.6939, 0.3113,
0.3546

288.1059, 0.3124,
0.3374

 5.8614, 0.3109,
0.3605

343.7062, 0.3124,

 2.7610, 0.3102,

0.3369

0.3699

406.0357, 0.3124,
0.3364

■ 1.0083, 0.3097,
0.3892

■ 0.0000, 0.0000,
0.0000

■ 74.2915, 0.3121,
0.3422

■ 74.2915, 0.3121,
0.3422

■ 70.0072, 0.3108,
0.3698

■ 79.2205, 0.3132,
0.3181

■ 66.3320, 0.3094,
0.4009

■ 83.4224, 0.3140,
0.3019

■ 63.2412, 0.3078,
0.4350

■ 60.7045, 0.3061,
0.4708

■ 58.6893, 0.3044,
0.5065

■ 57.1594, 0.3029,
0.5395

■ 56.0739, 0.3016,
0.5670

■ 55.3854, 0.3006,
0.5865

■ 55.0354, 0.3001,
0.5971

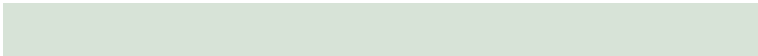
Harmonies

Analogous

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



74.2915, 0.3211, 0.3450



74.2915, 0.3121, 0.3422



74.2915, 0.3033, 0.3358

Triad

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



74.2915, 0.3121, 0.3422



74.2915, 0.2976, 0.3147



74.2915, 0.3285, 0.3302

Complementary

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



74.2915, 0.3121, 0.3422



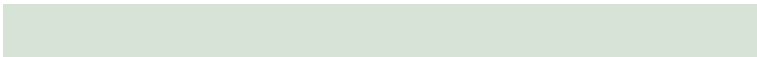
70.4742, 0.3133, 0.3161

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.



74.2915, 0.3221, 0.3224



74.2915, 0.3121, 0.3422



74.2915, 0.3042, 0.3135

Square

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



74.2915, 0.3121, 0.3422



74.2915, 0.2951, 0.3198



74.2915, 0.3131, 0.3163



74.2915, 0.3307, 0.3378

Rectangle

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



74.2915, 0.3121, 0.3422



74.2915, 0.2988, 0.3303



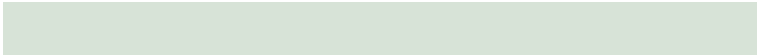
74.2915, 0.3131, 0.3163



74.2915, 0.3268, 0.3275

Sweetspot

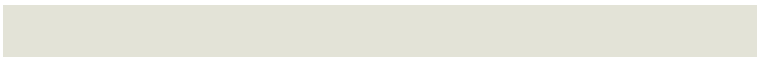
The Sweet Spot groups the original color and five complimentary colors.



74.2947, 0.3121, 0.3422



98.7217, 0.3125, 0.3339



76.0709, 0.3205, 0.3417



21.1439, 0.3125, 0.3337



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.



74.2947, 0.3121, 0.3422



96.2673, 0.3120, 0.3441



74.5979, 0.3084, 0.3358



16.3686, 0.3119, 0.3457



32.0406, 0.3000, 0.6000



2.3678, 0.3000, 0.6000

Inverse Universe

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



70.4742, 0.3133, 0.3161



90.6226, 0.3134, 0.3143



70.1596, 0.3173, 0.3223



15.3163, 0.3135, 0.3129



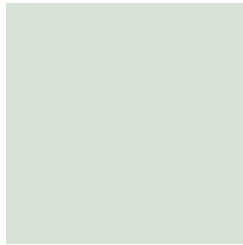
12.7505, 0.3208, 0.1541



0.9423, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 74.2915, 0.3121, 0.3422 looks on a white background.

Color Contrast Check

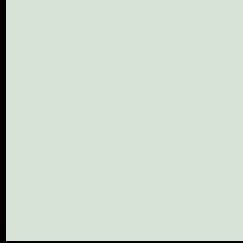
Large Text (above 18pt) WCAG AA × Fail

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 74.2915, 0.3121, 0.3422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

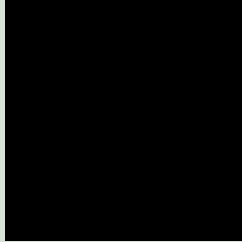
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

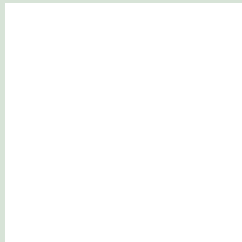
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.2915, 0.3121, 0.3422

Background



This preview shows how black text looks on a background with the Yxy color 74.2915, 0.3121, 0.3422.

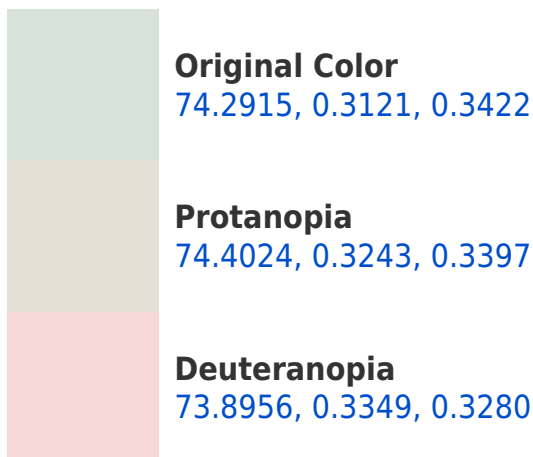


This preview shows how white text looks on a background with the Yxy color 74.2915, 0.3121, 0.3422.

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

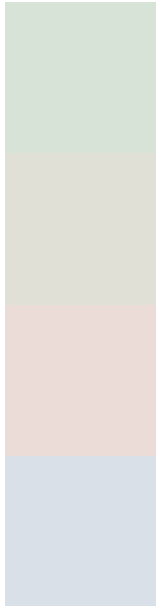




Tritanopia

74.1863, 0.2985, 0.3098

Trichromacy



Original Color

74.2915, 0.3121, 0.3422

Protanomaly

74.1739, 0.3200, 0.3398

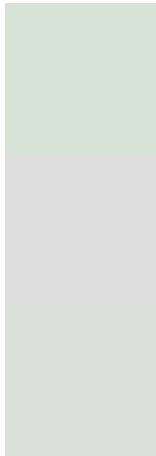
Deuteranomaly

73.8064, 0.3262, 0.3333

Tritanomaly

74.0429, 0.3035, 0.3204

Monochromacy



Original Color

74.2915, 0.3121, 0.3422

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.4859, 0.3125, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2915, 0.3121, 0.3422 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(215, 227, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 215)  
}
```

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(215, 227, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 215) }
```

Border

The CSS property to change the border of an element to Yxy 74.2915, 0.3121, 0.3422 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(215, 227, 215) }
```

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

```
.border{ border-color:rgb(215, 227, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 227, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2915, 0.3121, 0.3422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 215) }
```

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

```
.background{ background-color: rgb(215,  
227, 215) }
```

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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