

Converting Colors

$Yxy(74.1452, 0.3171, 0.3518)$

Have a look what the booklet for
Yxy(74.1452, 0.3171, 0.3518)
contains.

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Color

Yxy(74.4389, 0.3172, 0.3522)

Conversions

Conversions Part 1

Format	Color
Hex	D7E4CF
RGB	215, 228, 207
RGB Percent	84%, 89%, 81%
CMY	0.1567, 0.1059, 0.1882
CMYK	0.06, 0.00, 0.09, 0.11
HSL	97°, 28%, 85%
HSV	97°, 9%, 89%
XYZ	67.0415, 74.4389, 69.8737
YIQ	221.7190, -1.0070, -9.2870

Conversions

Conversions Part 2

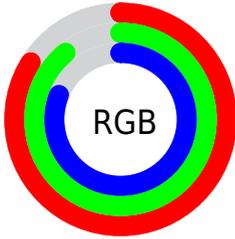
Format	Color
R _Y B	207, 228, 220
Decimal	14148815
CIE Lab	89.13, -8.06, 8.75
CIE LCh	89, 11.898, 132.671
Yxy	74.4389, 0.3172, 0.3522
Android (android.graphics.Color)	4292338895 (0xFFD7E4CF)
YUV	221.7190, -7.2565, -5.8926
Hunter-Lab	86.2780, -12.2847, 12.3776

Details

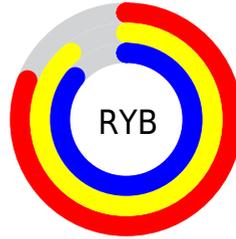
The Yxy color **74.4389, 0.3172, 0.3522** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4421, 0.3078, 0.3061**, and the grayscale version is **72.8982, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.6606, 0.3176, 0.3580** is the 20% darker color. If you saturate the color by 10%, you get **71.3666, 0.3219, 0.3798**, and if you desaturate by 10%, it is **77.8618, 0.3123, 0.3271**.

Distribution



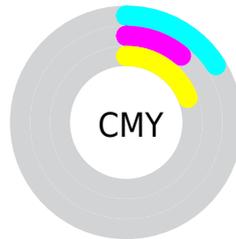
- Red (84%)
- Green (89%)
- Blue (81%)



- Red (81%)
- Yellow (89%)
- Blue (86%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (11%)



- Cyan (16%)
- Magenta (11%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4389, 0.3172, 0.3522 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 74.4389, 0.3172, 0.3522 by changing the saturation by 10% instead.

 74.4389, 0.3172,
0.3522

 74.4389, 0.3172,
0.3522

475.9868, 0.3152,
0.3414

 55.1533, 0.3176,
0.3547

125.5178, 0.3165,
0.3484

 39.5245, 0.3182,
0.3578

158.0799, 0.3163,
0.3469

 27.1680, 0.3188,
0.3618

195.8363, 0.3160,
0.3457

 17.6994, 0.3196,
0.3670

239.1714, 0.3158,
0.3446

 10.7344, 0.3207,
0.3743

288.4696, 0.3156,
0.3436

 5.8885, 0.3222,
0.3848

344.1153, 0.3155,

 2.7774, 0.3241,

0.3428

0.4019

406.4929, 0.3153,
0.3420

■ 1.0167, 0.3366,
0.4480

■ 0.0000, 0.0000,
0.0000

■ 74.4389, 0.3172,
0.3522

■ 74.4389, 0.3172,
0.3522

■ 71.3666, 0.3219,
0.3798

■ 77.8618, 0.3123,
0.3271

■ 68.6238, 0.3263,
0.4095

■ 81.6365, 0.3075,
0.3045

■ 66.2017, 0.3300,
0.4407

■ 83.9622, 0.3139,
0.3029

■ 64.0871, 0.3327,
0.4723

■ 62.2663, 0.3339,
0.5029

■ 60.7240, 0.3335,
0.5307

■ 59.4434, 0.3312,
0.5539

■ 58.4053, 0.3271,
0.5711

■ 57.5824, 0.3217,
0.5823

Harmonies

Analogous

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



74.4389, 0.3304, 0.3537



74.4389, 0.3172, 0.3522



74.4389, 0.3030, 0.3440

Triad

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



74.4389, 0.3172, 0.3522



74.4389, 0.2870, 0.3091



74.4389, 0.3342, 0.3260

Complementary

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



74.4389, 0.3172, 0.3522



65.4421, 0.3078, 0.3061

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.



74.4389, 0.3222, 0.3147



74.4389, 0.3172, 0.3522



74.4389, 0.2949, 0.3050

Square

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



74.4389, 0.3172, 0.3522



74.4389, 0.2858, 0.3188



74.4389, 0.3077, 0.3071



74.4389, 0.3405, 0.3382

Rectangle

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



74.4389, 0.3172, 0.3522



74.4389, 0.2949, 0.3360



74.4389, 0.3077, 0.3071



74.4389, 0.3307, 0.3219

Sweetspot

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



74.4421, 0.3172, 0.3522



98.6328, 0.3142, 0.3364



72.1584, 0.3273, 0.3431



21.0348, 0.3146, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

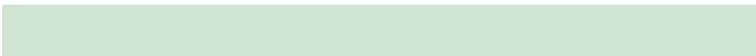
The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.4421, 0.3172, 0.3522



95.1873, 0.3181, 0.3572



73.3758, 0.3101, 0.3498



16.3568, 0.3173, 0.3529



33.2822, 0.3224, 0.5822



2.5115, 0.3338, 0.5731

Inverse Universe

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



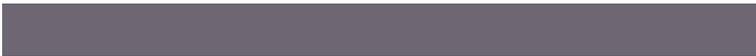
65.4421, 0.3078, 0.3061



81.4100, 0.3067, 0.3012



66.5907, 0.3155, 0.3091



14.3252, 0.3077, 0.3054



6.5583, 0.2272, 0.1025



0.5376, 0.2407, 0.1100

Previews

White Background



This preview shows how the Yxy color 74.4389, 0.3172, 0.3522 looks on a white background.

Color Contrast Check

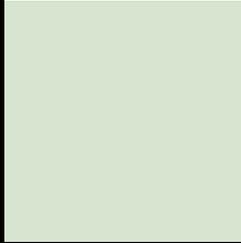
Large Text (above 18pt) WCAG AA × Fail

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 74.4389, 0.3172, 0.3522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

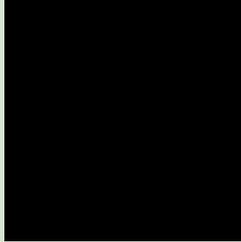
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

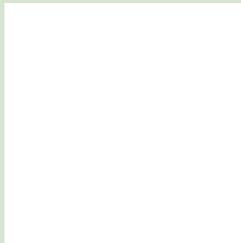
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.4389, 0.3172, 0.3522

Background



This preview shows how black text looks on a background with the Yxy color 74.4389, 0.3172, 0.3522.

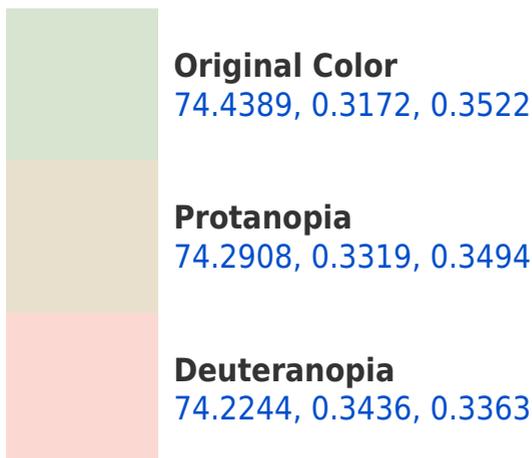


This preview shows how white text looks on a background with the Yxy color 74.4389, 0.3172, 0.3522.

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

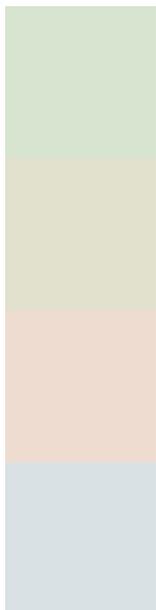




Tritanopia

74.3419, 0.2992, 0.3099

Trichromacy



Original Color

74.4389, 0.3172, 0.3522

Protanomaly

74.4270, 0.3266, 0.3507

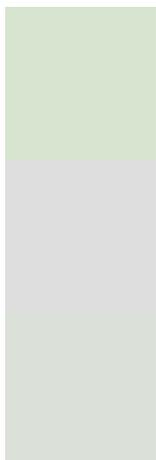
Deuteranomaly

73.9176, 0.3340, 0.3418

Tritanomaly

74.4130, 0.3053, 0.3247

Monochromacy



Original Color

74.4389, 0.3172, 0.3522

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.3811, 0.3138, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4389, 0.3172, 0.3522 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, 228, 207) looks like.

```
.text, #text, p{  
    color:rgb(215, 228, 207)  
}
```

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, 228, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 228, 207) }
```

Border

The CSS property to change the border of an element to Yxy 74.4389, 0.3172, 0.3522 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, 228, 207) }
```

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

```
.border{ border-color:rgb(215, 228, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 228, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 228, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 228, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 228,  
207) }
```

Background

The CSS property to change the background color of an element to Yxy 74.4389, 0.3172, 0.3522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 228, 207) }
```

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

```
.background{ background-color: rgb(215,  
228, 207) }
```

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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