

Converting Colors

$Yxy(74.8405, 0.3124, 0.3504)$

Have a look what the booklet for
Yxy(74.8405, 0.3124, 0.3504)
contains.

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Color

Yxy(74.5407, 0.3124, 0.3501)

Conversions

Conversions Part 1

Format	Color
Hex	D3E5D2
RGB	211, 229, 210
RGB Percent	83%, 90%, 82%
CMY	0.1726, 0.1019, 0.1764
CMYK	0.08, 0.00, 0.08, 0.10
HSL	117°, 27%, 86%
HSV	117°, 8%, 90%
XYZ	66.5139, 74.5407, 71.8580
YIQ	221.4520, -4.6290, -9.7250

Conversions

Conversions Part 2

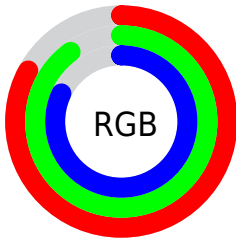
Format	Color
R _Y B	210, 229, 228
Decimal	13886930
CIE Lab	89.18, -9.44, 7.21
CIE LCh	89, 11.881, 142.622
Yxy	74.5407, 0.3124, 0.3501
Android (android.graphics.Color)	4292077010 (0xFFD3E5D2)
YUV	221.4520, -5.6458, -9.1664
Hunter-Lab	86.3370, -13.5735, 11.0890

Details

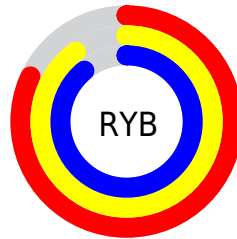
The Yxy color **74.5407, 0.3124, 0.3501** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2523, 0.3129, 0.3087**, and the grayscale version is **72.6843, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7403, 0.3115, 0.3552** is the 20% darker color. If you saturate the color by 10%, you get **70.4892, 0.3119, 0.3786**, and if you desaturate by 10%, it is **79.1953, 0.3128, 0.3250**.

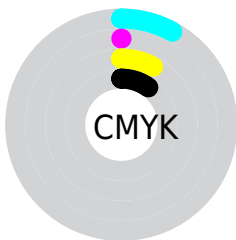
Distribution



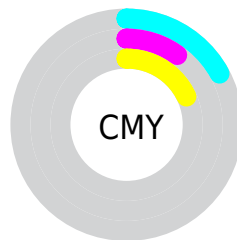
- Red (83%)
- Green (90%)
- Blue (82%)



- Red (82%)
- Yellow (90%)
- Blue (89%)



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)



- Cyan (17%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5407, 0.3124, 0.3501 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 74.5407, 0.3124, 0.3501 by changing the saturation by 10% instead.

■ 74.5407, 0.3124,
0.3501

■ 74.5407, 0.3124,
0.3501

476.3374, 0.3126,
0.3402

■ 55.2367, 0.3123,
0.3524

125.6620, 0.3125,
0.3467

■ 39.5913, 0.3122,
0.3552

158.2481, 0.3125,
0.3453

■ 27.2200, 0.3121,
0.3588

196.0303, 0.3125,
0.3442

■ 17.7385, 0.3119,
0.3636

239.3931, 0.3126,
0.3432

■ 10.7624, 0.3116,
0.3702

288.7208, 0.3126,
0.3423

■ 5.9073, 0.3111,
0.3799

344.3978, 0.3126,

■ 2.7888, 0.3100,

0.3415

406.8085, 0.3126,
0.3409

0.3955

1.0225, 0.3116,
0.4333

0.0000, 0.0000,
0.0000

74.5407, 0.3124,
0.3501

74.5407, 0.3124,
0.3501

70.4892, 0.3119,
0.3786

79.1953, 0.3128,
0.3250

67.0069, 0.3111,
0.4104

84.4140, 0.3135,
0.3038

64.0714, 0.3101,
0.4447

84.5232, 0.3139,
0.3039

61.6548, 0.3088,
0.4803

■ 59.7270, 0.3073,
0.5151

■ 58.2544, 0.3056,
0.5465

■ 57.1998, 0.3039,
0.5719

■ 56.5194, 0.3022,
0.5893

■ 56.1579, 0.3009,
0.5983

Harmonies

Analogous

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



74.5407, 0.3264, 0.3540



74.5407, 0.3124, 0.3501



74.5407, 0.2987, 0.3402

Triad

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



74.5407, 0.3124, 0.3501



74.5407, 0.2890, 0.3071



74.5407, 0.3370, 0.3301

Complementary

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



74.5407, 0.3124, 0.3501



68.2523, 0.3129, 0.3087

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.



74.5407, 0.3266, 0.3182



74.5407, 0.3124, 0.3501



74.5407, 0.2988, 0.3051

Square

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



74.5407, 0.3124, 0.3501



74.5407, 0.2854, 0.3151



74.5407, 0.3125, 0.3091



74.5407, 0.3408, 0.3420

Rectangle

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



74.5407, 0.3124, 0.3501



74.5407, 0.2916, 0.3316



74.5407, 0.3125, 0.3091



74.5407, 0.3342, 0.3259

Sweetspot

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



74.5439, 0.3124, 0.3501



98.7701, 0.3126, 0.3339



76.6576, 0.3251, 0.3480



21.1537, 0.3127, 0.3337



0.0000, 0.0000, 0.0000



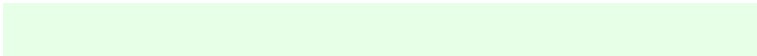
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5439, 0.3124, 0.3501



94.1637, 0.3123, 0.3549



74.8204, 0.3066, 0.3409



16.1245, 0.3123, 0.3532



32.0997, 0.3011, 0.5991



2.3847, 0.3044, 0.5965

Inverse Universe

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



68.2523, 0.3129, 0.3087



84.5466, 0.3130, 0.3043



67.9642, 0.3194, 0.3174



14.5753, 0.3130, 0.3058



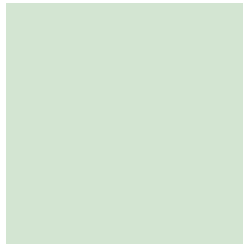
11.6999, 0.3080, 0.1471



0.8763, 0.3100, 0.1482

Previews

White Background



This preview shows how the Yxy color 74.5407, 0.3124, 0.3501 looks on a white background.

Color Contrast Check

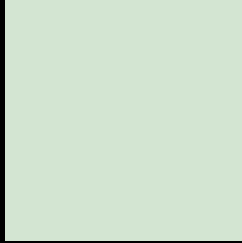
Large Text (above 18pt) WCAG AA × Fail

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 74.5407, 0.3124, 0.3501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

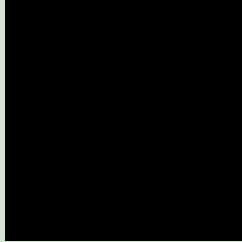
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

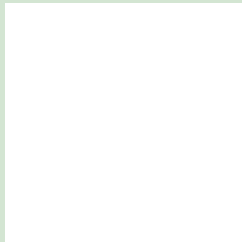
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5407, 0.3124, 0.3501

Background



This preview shows how black text looks on a background with the Yxy color 74.5407, 0.3124, 0.3501.

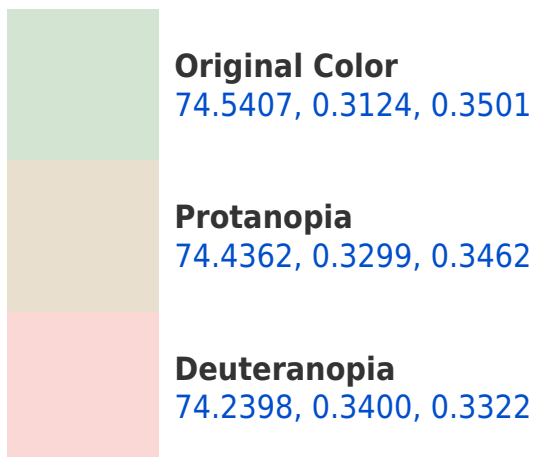


This preview shows how white text looks on a background with the Yxy color 74.5407, 0.3124, 0.3501.

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

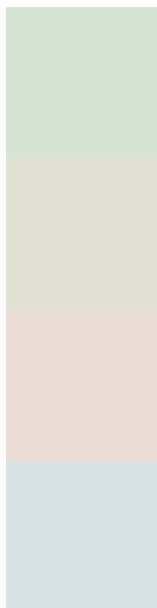




Tritanopia

74.3210, 0.2959, 0.3098

Trichromacy



Original Color

74.5407, 0.3124, 0.3501

Protanomaly

74.2518, 0.3232, 0.3475

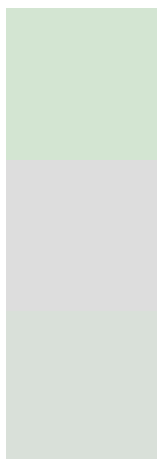
Deuteranomaly

74.2992, 0.3296, 0.3386

Tritanomaly

74.4020, 0.3020, 0.3246

Monochromacy



Original Color

74.5407, 0.3124, 0.3501

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0728, 0.3124, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5407, 0.3124, 0.3501 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(211, 229, 210)` looks like.

```
.text, #text, p{  
    color:rgb(211, 229, 210)  
}
```

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(211, 229, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 229, 210) }
```

Border

The CSS property to change the border of an element to Yxy 74.5407, 0.3124, 0.3501 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(211, 229, 210) }
```

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

```
.border{ border-color:rgb(211, 229, 210) }
```

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

Here you see how a box with a 4 pixel rgb(211, 229, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 229, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 229, 210);  
box-shadow:4px 4px 4px 4px rgb(211, 229,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5407, 0.3124, 0.3501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 229, 210) }
```

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

```
.background{ background-color: rgb(211,  
229, 210) }
```

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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