

# Converting Colors

Yxy(75.6131, 0.3121, 0.3448)

Have a look what the booklet for  
Yxy(75.6131, 0.3121, 0.3448)  
contains.

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# Color

**Yxy(75.3920, 0.3120, 0.3443)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7E5D7
RGB	215, 229, 215
RGB Percent	84%, 90%, 84%
CMY	0.1567, 0.1020, 0.1567
CMYK	0.06, 0.00, 0.06, 0.10
HSL	120°, 21%, 87%
HSV	120°, 6%, 90%
XYZ	68.3192, 75.3920, 75.2606
YIQ	223.2180, -3.8500, -7.3220

# Conversions

## Conversions Part 2

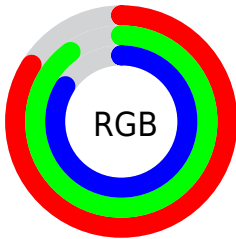
Format	Color
R <sub>Y</sub> B	215, 229, 229
Decimal	14149079
CIE Lab	89.58, -7.18, 5.19
CIE LCh	90, 8.862, 144.118
Yxy	75.3920, 0.3120, 0.3443
Android (android.graphics.Color)	4292339159 (0xFFD7E5D7)
YUV	223.2180, -4.0515, -7.2072
Hunter-Lab	86.8286, -11.5011, 9.3891

# Details

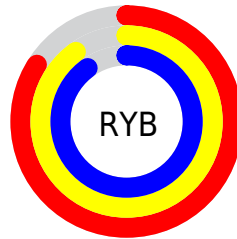
The Yxy color **75.3920, 0.3120, 0.3443** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.9298, 0.3134, 0.3142**, and the grayscale version is **73.9927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.2838, 0.3118, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **71.0713, 0.3107, 0.3722**, and if you desaturate by 10%, it is **80.3689, 0.3131, 0.3199**.

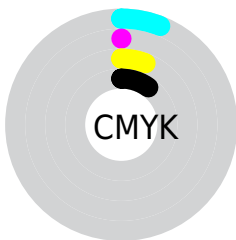
# Distribution



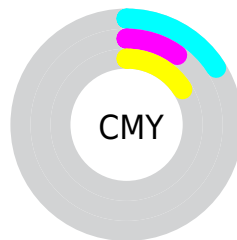
- Red (84%)
- Green (90%)
- Blue (84%)



- Red (84%)
- Yellow (90%)
- Blue (90%)



- Cyan (6%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)




- Cyan (16%)
- Magenta (10%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 75.3920, 0.3120, 0.3443 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 75.3920, 0.3120, 0.3443 by changing the saturation by 10% instead.




 75.3920, 0.3120,  
0.3443

 75.3920, 0.3120,  
0.3443


479.2638, 0.3124,  
0.3372

 55.9341, 0.3119,  
0.3459

126.8671, 0.3121,  
0.3418

 40.1501, 0.3118,  
0.3480

159.6531, 0.3122,  
0.3409

 27.6556, 0.3116,  
0.3505


197.6505, 0.3122,  
0.3400

 18.0662, 0.3114,  
0.3539

241.2439, 0.3123,  
0.3393

 10.9975, 0.3111,  
0.3586

290.8175, 0.3123,  
0.3387

 6.0652, 0.3106,  
0.3654

346.7557, 0.3123,

 2.8847, 0.3097,

0.3381

0.3762

409.4431, 0.3123,  
0.3376

■ 1.0719, 0.3088,  
0.3977

■ 0.0000, 0.0000,  
0.0000

■ 75.3920, 0.3120,  
0.3443

■ 75.3920, 0.3120,  
0.3443

■ 71.0713, 0.3107,  
0.3722

■ 80.3689, 0.3131,  
0.3199

■ 67.3705, 0.3092,  
0.4036

■ 84.5153, 0.3139,  
0.3039

■ 64.2639, 0.3076,  
0.4379

■ 61.7206, 0.3059,  
0.4738

■ 59.7070, 0.3043,  
0.5094

■ 58.1856, 0.3027,  
0.5421

■ 57.1143, 0.3015,  
0.5689

■ 56.4437, 0.3006,  
0.5877

■ 56.1128, 0.3001,  
0.5976

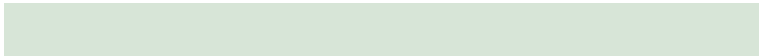
# Harmonies

## Analogous

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



75.3920, 0.3224, 0.3475



75.3920, 0.3120, 0.3443



75.3920, 0.3019, 0.3368

# Triad

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



75.3920, 0.3120, 0.3443



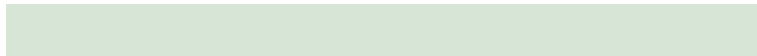
75.3920, 0.2953, 0.3125



75.3920, 0.3310, 0.3303

# Complementary

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



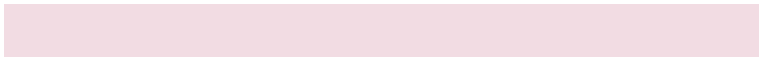
75.3920, 0.3120, 0.3443



70.9298, 0.3134, 0.3142

# 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.



75.3920, 0.3235, 0.3213



75.3920, 0.3120, 0.3443



75.3920, 0.3029, 0.3112

# Square

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



75.3920, 0.3120, 0.3443



75.3920, 0.2923, 0.3184



75.3920, 0.3132, 0.3144



75.3920, 0.3335, 0.3392



# Rectangle

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



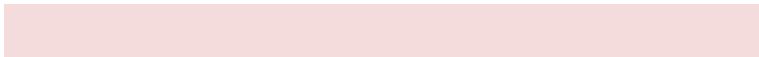
75.3920, 0.3120, 0.3443



75.3920, 0.2967, 0.3305



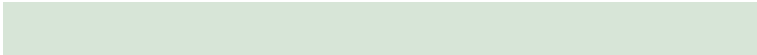
75.3920, 0.3132, 0.3144



75.3920, 0.3290, 0.3272

# Sweetspot

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



75.3952, 0.3120, 0.3443



98.7216, 0.3125, 0.3339



77.4715, 0.3217, 0.3436



21.1439, 0.3125, 0.3337



0.0000, 0.0000, 0.0000

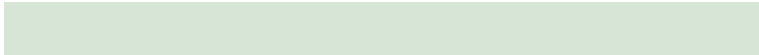


21.4041, 0.3127, 0.3290



# Same Dimension

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



75.3952, 0.3120, 0.3443



95.6741, 0.3119, 0.3468



75.7491, 0.3077, 0.3368



16.2742, 0.3118, 0.3482



32.0403, 0.3000, 0.6000



2.3677, 0.3000, 0.6000



# Inverse Universe

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



70.9298, 0.3134, 0.3142



89.1347, 0.3135, 0.3118



70.5605, 0.3180, 0.3213



15.0795, 0.3136, 0.3105



12.7548, 0.3209, 0.1541

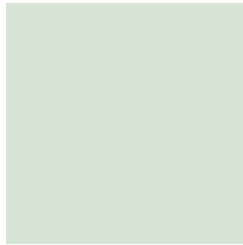


0.9426, 0.3209, 0.1541



# Previews

## White Background



This preview shows how the Yxy color 75.3920, 0.3120, 0.3443 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

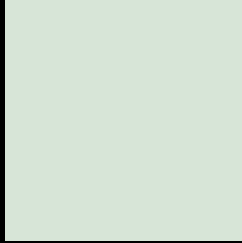
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 75.3920, 0.3120, 0.3443 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

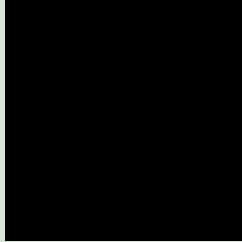
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

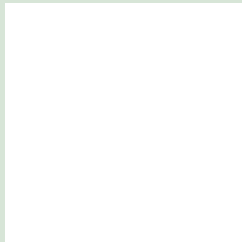
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 75.3920, 0.3120, 0.3443**

## **Background**



This preview shows how black text looks on a background with the Yxy color 75.3920, 0.3120, 0.3443.

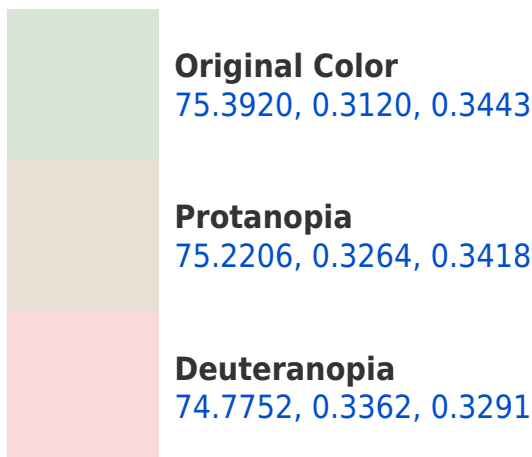


This preview shows how white text looks on a background with the Yxy color 75.3920, 0.3120, 0.3443.

# 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

75.3816, 0.2973, 0.3099

# Trichromacy



## Original Color

75.3920, 0.3120, 0.3443

## Protanomaly

75.3656, 0.3212, 0.3430

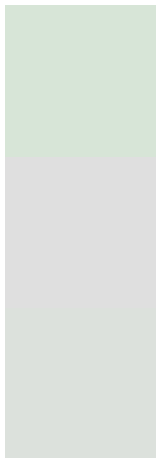
## Deuteranomaly

74.6753, 0.3276, 0.3343

## Tritanomaly

75.1813, 0.3028, 0.3215

# Monochromacy



## Original Color

75.3920, 0.3120, 0.3443

## Achromatopsia

73.7910, 0.3127, 0.3290

## Achromatomaly

74.2334, 0.3125, 0.3344

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 75.3920, 0.3120, 0.3443 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, 229, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 229, 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, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 229, 215) }
```

## Border

The CSS property to change the border of an element to Yxy 75.3920, 0.3120, 0.3443 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, 229, 215) }
```

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

```
.border{ border-color:rgb(215, 229, 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, 229, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 229, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 229, 215); box-shadow:4px 4px 4px 4px rgb(215, 229, 215) }
```



# Background

The CSS property to change the background color of an element to Yxy 75.3920, 0.3120, 0.3443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 229, 215) }
```

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

```
.background{ background-color: rgb(215,  
229, 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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