

Converting Colors

$Yxy(75.2750, 0.3018, 0.3504)$

Have a look what the booklet for
Yxy(75.2750, 0.3018, 0.3504)
contains.

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Color

Yxy(75.2750, 0.3018, 0.3504)

Conversions

Conversions Part 1

Format	Color
Hex	C7E9D6
RGB	199, 233, 214
RGB Percent	78%, 91%, 84%
CMY	0.2195, 0.0863, 0.1609
CMYK	0.15, 0.00, 0.08, 0.09
HSL	146°, 44%, 85%
HSV	146°, 15%, 91%
XYZ	64.8345, 75.2750, 74.7165
YIQ	220.6680, -14.1650, -13.1170

Conversions

Conversions Part 2

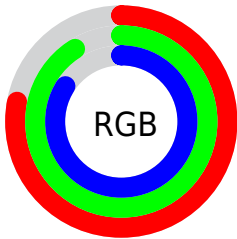
Format	Color
RYB	199, 223, 233
Decimal	13101526
CIELab	89.52, -14.69, 5.53
CIELCh	90, 15.698, 159.385
Yxy	75.2750, 0.3018, 0.3504
Android (android.graphics.Color)	4291291606 (0xFFC7E9D6)
YUV	220.6680, -3.2873, -19.0028
Hunter-Lab	86.7612, -18.4434, 9.6738

Details

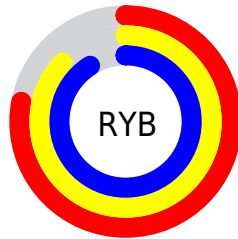
The Yxy color **75.2750, 0.3018, 0.3504** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.2520, 0.3253, 0.3085**, and the grayscale version is **72.0975, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.9672, 0.2995, 0.3557** is the 20% darker color. If you saturate the color by 10%, you get **71.6903, 0.2946, 0.3672**, and if you desaturate by 10%, it is **79.4074, 0.3093, 0.3353**.

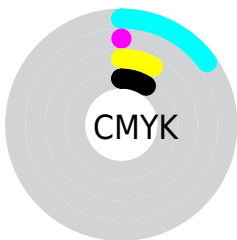
Distribution



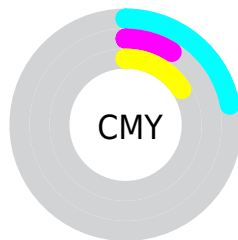
- Red (78%)
- Green (91%)
- Blue (84%)



- Red (78%)
- Yellow (87%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.2750, 0.3018, 0.3504 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 75.2750, 0.3018, 0.3504 by changing the saturation by 10% instead.

■ 75.2750, 0.3018,
0.3504

■ 75.2750, 0.3018,
0.3504

478.8622, 0.3069,
0.3404

■ 55.8382, 0.3006,
0.3527

126.7016, 0.3036,
0.3469

■ 40.0732, 0.2992,
0.3556

159.4601, 0.3043,
0.3456

■ 27.5956, 0.2973,
0.3593

197.4281, 0.3049,
0.3444

■ 18.0211, 0.2948,
0.3641

240.9898, 0.3054,
0.3434

■ 10.9651, 0.2914,
0.3708

290.5296, 0.3058,
0.3425

■ 6.0434, 0.2864,
0.3806

346.4321, 0.3062,

■ 2.8715, 0.2784,

0.3417

409.0815, 0.3066,
0.3410

0.3965

1.0650, 0.2605,
0.4313

0.0000, 0.0000,
0.0000

75.2750, 0.3018,
0.3504

75.2750, 0.3018,
0.3504

71.6903, 0.2946,
0.3672

79.4074, 0.3093,
0.3353

68.6205, 0.2880,
0.3857

84.0999, 0.3168,
0.3219

66.0436, 0.2822,
0.4057

86.6367, 0.3149,
0.3096

63.9324, 0.2776,
0.4270

86.7570, 0.3137,
0.3078

■ 62.2567, 0.2745,
0.4490

■ 60.9830, 0.2733,
0.4711

■ 60.0722, 0.2740,
0.4926

■ 59.4769, 0.2767,
0.5128

■ 59.2467, 0.2786,
0.5230

Harmonies

Analogous

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



75.2750, 0.3205, 0.3604



75.2750, 0.3018, 0.3504



75.2750, 0.2863, 0.3342

Triad

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



75.2750, 0.3018, 0.3504



75.2750, 0.2879, 0.2978



75.2750, 0.3489, 0.3392

Complementary

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



75.2750, 0.3018, 0.3504



63.2520, 0.3253, 0.3085

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.



75.2750, 0.3396, 0.3232



75.2750, 0.3018, 0.3504



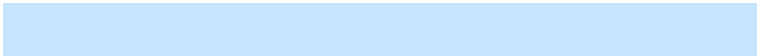
75.2750, 0.3041, 0.2998

Square

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



75.2750, 0.3018, 0.3504



75.2750, 0.2784, 0.3039



75.2750, 0.3230, 0.3090



75.2750, 0.3481, 0.3532

Rectangle

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



75.2750, 0.3018, 0.3504



75.2750, 0.2797, 0.3225



75.2750, 0.3230, 0.3090



75.2750, 0.3468, 0.3339

Sweetspot

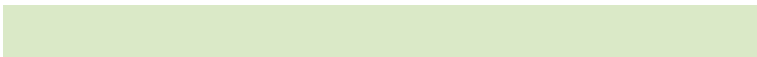
The Sweet Spot groups the original color and five complimentary colors.



75.2782, 0.3018, 0.3504



97.7541, 0.3097, 0.3345



77.3511, 0.3241, 0.3663



20.8357, 0.3091, 0.3356



0.0000, 0.0000, 0.0000



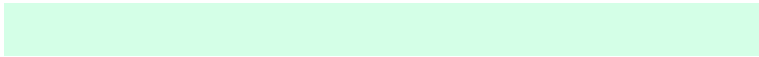
21.4041, 0.3127, 0.3290

Same Dimension

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



75.2782, 0.3018, 0.3504



91.2191, 0.3000, 0.3545



76.1787, 0.2919, 0.3314



16.9723, 0.3056, 0.3425



33.6423, 0.2778, 0.5201



2.6608, 0.2703, 0.4930

Inverse Universe

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



63.2520, 0.3253, 0.3085



74.2240, 0.3279, 0.3049



62.4184, 0.3381, 0.3266



15.1953, 0.3205, 0.3159



10.7770, 0.4703, 0.2365



0.8655, 0.4439, 0.2219

Previews

White Background



This preview shows how the Yxy color 75.2750, 0.3018, 0.3504 looks on a white background.

Color Contrast Check

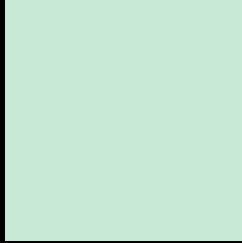
Large Text (above 18pt) WCAG AA × Fail

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 75.2750, 0.3018, 0.3504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

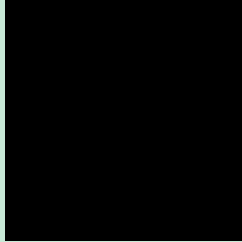
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

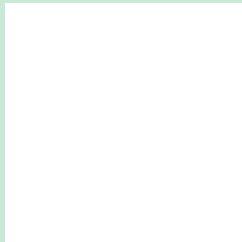
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.2750, 0.3018, 0.3504

Background



This preview shows how black text looks on a background with the Yxy color 75.2750, 0.3018, 0.3504.

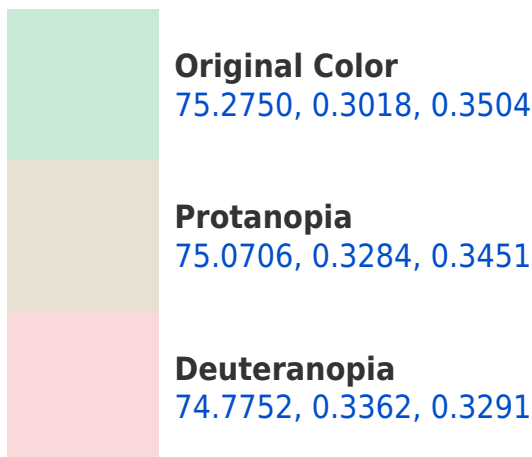


This preview shows how white text looks on a background with the Yxy color 75.2750, 0.3018, 0.3504.

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

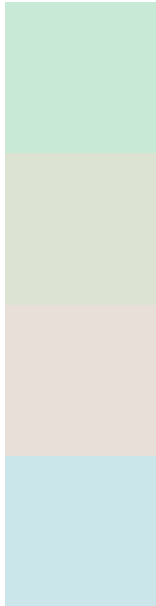




Tritanopia

75.1198, 0.2866, 0.3095

Trichromacy



Original Color

75.2750, 0.3018, 0.3504

Protanomaly

74.8570, 0.3182, 0.3465

Deuteranomaly

74.7221, 0.3230, 0.3365

Tritanomaly

75.2307, 0.2924, 0.3246

Monochromacy



Original Color

75.2750, 0.3018, 0.3504

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0585, 0.3089, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.2750, 0.3018, 0.3504 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(199, 233, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 233, 214)  
}
```

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(199, 233, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 233, 214) }
```

Border

The CSS property to change the border of an element to Yxy 75.2750, 0.3018, 0.3504 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(199, 233, 214) }
```

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

```
.border{ border-color:rgb(199, 233, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 233, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 233, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 233, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 233,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 75.2750, 0.3018, 0.3504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 233, 214) }
```

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

```
.background{ background-color: rgb(199,  
233, 214) }
```

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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