

Converting Colors

$Yxy(71.6201, 0.3100, 0.3424)$

Have a look what the booklet for
Yxy(71.6201, 0.3100, 0.3424)
contains.

Yxy(71.6201, 0.3100, 0.3424)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.6201, 0.3100, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	D1E0D4
RGB	209, 224, 212
RGB Percent	82%, 88%, 83%
CMY	0.1803, 0.1216, 0.1685
CMYK	0.07, 0.00, 0.05, 0.12
HSL	132°, 19%, 85%
HSV	132°, 7%, 88%
XYZ	64.8430, 71.6201, 72.7078
YIQ	218.1470, -5.0880, -6.9120

Conversions

Conversions Part 2

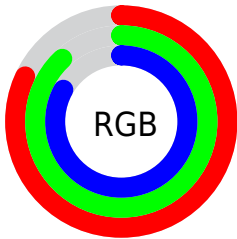
Format	Color
R _Y B	209, 222, 224
Decimal	13754580
CIE Lab	87.79, -7.19, 4.13
CIE LCh	88, 8.291, 150.134
Yxy	71.6201, 0.3100, 0.3424
Android (android.graphics.Color)	4291944660 (0xFFD1E0D4)
YUV	218.1470, -3.0305, -8.0219
Hunter-Lab	84.6287, -11.3324, 8.3017

Details

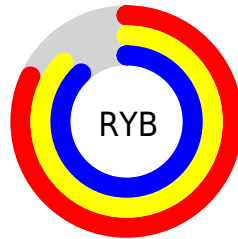
The Yxy color **71.6201, 0.3100, 0.3424** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.6852, 0.3156, 0.3160**, and the grayscale version is **70.2477, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7788, 0.3101, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **67.7264, 0.3059, 0.3647**, and if you desaturate by 10%, it is **76.0797, 0.3140, 0.3228**.

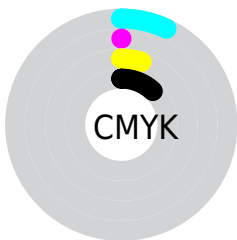
Distribution



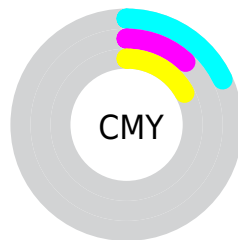
- Red (82%)
- Green (88%)
- Blue (83%)



- Red (82%)
- Yellow (87%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (12%)



- Cyan (18%)
- Magenta (12%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6201, 0.3100, 0.3424 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 71.6201, 0.3100, 0.3424 by changing the saturation by 10% instead.

■ 71.6201, 0.3100,
0.3424

■ 71.6201, 0.3100,
0.3424

466.2182, 0.3113,
0.3361

■ 52.8484, 0.3097,
0.3439

121.5163, 0.3105,
0.3402

■ 37.6818, 0.3093,
0.3457

153.4095, 0.3106,
0.3394

■ 25.7358, 0.3088,
0.3480

190.4454, 0.3108,
0.3386

■ 16.6261, 0.3082,
0.3511

233.0083, 0.3109,
0.3380

■ 9.9683, 0.3072,
0.3553

281.4827, 0.3110,
0.3374

■ 5.3779, 0.3059,
0.3616

336.2528, 0.3111,

■ 2.4707, 0.3036,

0.3369

0.3718

397.7032, 0.3112,
0.3365

0.8619, 0.2986,
0.3999

0.0000, 0.0000,
0.0000

71.6201, 0.3100,
0.3424

71.6201, 0.3100,
0.3424

67.7264, 0.3059,
0.3647

76.0797, 0.3140,
0.3228

64.3672, 0.3019,
0.3896

81.1171, 0.3179,
0.3056

61.5216, 0.2981,
0.4171

81.7882, 0.3141,
0.2989

59.1640, 0.2949,
0.4464

■ 57.2666, 0.2924,
0.4767

■ 55.7985, 0.2910,
0.5066

■ 54.7253, 0.2908,
0.5343

■ 54.0067, 0.2919,
0.5582

■ 53.5925, 0.2942,
0.5767

Harmonies

Analogous

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



71.6201, 0.3201, 0.3463



71.6201, 0.3100, 0.3424



71.6201, 0.3008, 0.3347

Triad

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



71.6201, 0.3100, 0.3424



71.6201, 0.2973, 0.3127



71.6201, 0.3310, 0.3321

Complementary

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



71.6201, 0.3100, 0.3424



66.6852, 0.3156, 0.3160

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.



71.6201, 0.3247, 0.3233



71.6201, 0.3100, 0.3424



71.6201, 0.3052, 0.3123

Square

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



71.6201, 0.3100, 0.3424



71.6201, 0.2935, 0.3175



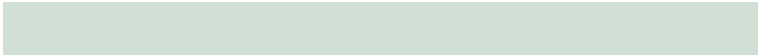
71.6201, 0.3152, 0.3162



71.6201, 0.3323, 0.3402

Rectangle

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



71.6201, 0.3100, 0.3424



71.6201, 0.2963, 0.3286



71.6201, 0.3152, 0.3162



71.6201, 0.3294, 0.3291

Sweetspot

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



71.6232, 0.3100, 0.3424



98.7854, 0.3119, 0.3329



73.3250, 0.3206, 0.3454



21.1569, 0.3119, 0.3327



0.0000, 0.0000, 0.0000



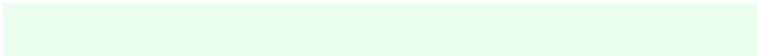
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6232, 0.3100, 0.3424



95.3269, 0.3094, 0.3453



71.9966, 0.3054, 0.3342



15.3818, 0.3089, 0.3483



31.1533, 0.2943, 0.5795



2.1721, 0.2865, 0.5515

Inverse Universe

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



66.6852, 0.3156, 0.3160



87.4082, 0.3162, 0.3132



66.3078, 0.3206, 0.3238



13.8863, 0.3168, 0.3104



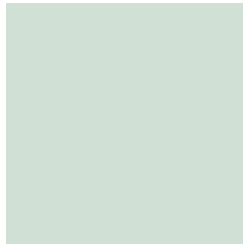
11.1416, 0.3787, 0.1860



0.7844, 0.3681, 0.1802

Previews

White Background



This preview shows how the Yxy color 71.6201, 0.3100, 0.3424 looks on a white background.

Color Contrast Check

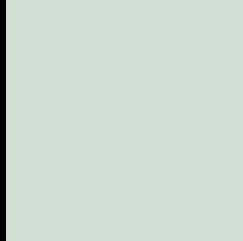
Large Text (above 18pt) WCAG AA × Fail

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 71.6201, 0.3100, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

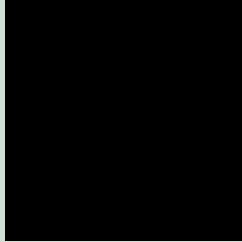
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

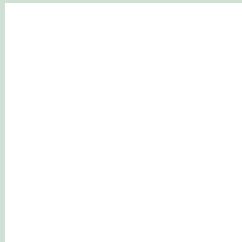
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6201, 0.3100, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 71.6201, 0.3100, 0.3424.

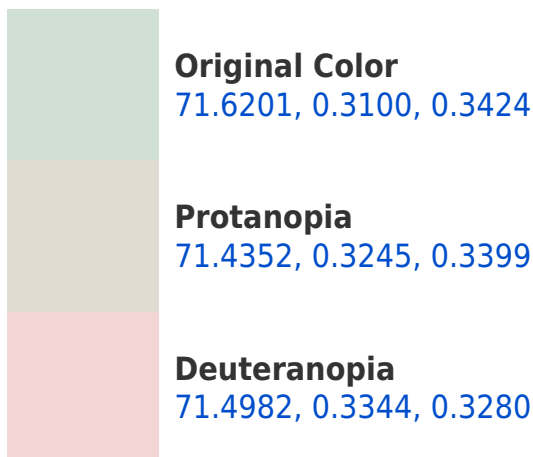


This preview shows how white text looks on a background with the Yxy color 71.6201, 0.3100, 0.3424.

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

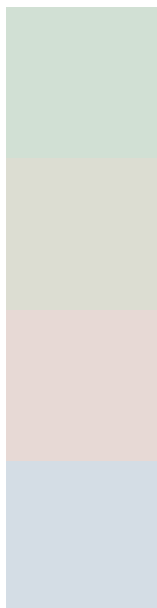




Tritanopia

71.5056, 0.2963, 0.3095

Trichromacy



Original Color

71.6201, 0.3100, 0.3424

Protanomaly

71.5817, 0.3193, 0.3411

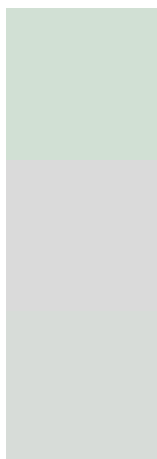
Deuteranomaly

71.4187, 0.3257, 0.3333

Tritanomaly

71.3671, 0.3013, 0.3202

Monochromacy



Original Color

71.6201, 0.3100, 0.3424

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.5913, 0.3118, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6201, 0.3100, 0.3424 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(209, 224, 212)` looks like.

```
.text, #text, p{  
    color:rgb(209, 224, 212)  
}
```

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(209, 224, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 224, 212) }
```

Border

The CSS property to change the border of an element to Yxy 71.6201, 0.3100, 0.3424 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(209, 224, 212) }
```

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

```
.border{ border-color:rgb(209, 224, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 224, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 224, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 224, 212);  
box-shadow:4px 4px 4px 4px rgb(209, 224,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6201, 0.3100, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 224, 212) }
```

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

```
.background{ background-color: rgb(209,  
224, 212) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor