

Converting Colors

$Yxy(71.7814, 0.3017, 0.3435)$

Have a look what the booklet for
Yxy(71.7814, 0.3017, 0.3435)
contains.

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Color

Yxy(71.9353, 0.3018, 0.3437)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3D6
RGB	199, 227, 214
RGB Percent	78%, 89%, 84%
CMY	0.2195, 0.1098, 0.1607
CMYK	0.12, 0.00, 0.06, 0.11
HSL	152°, 33%, 84%
HSV	152°, 12%, 89%
XYZ	63.1658, 71.9353, 74.1957
YIQ	217.1460, -12.5150, -9.9790

Conversions

Conversions Part 2

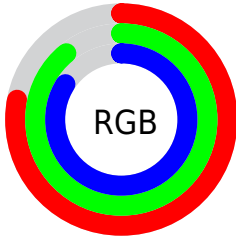
Format	Color
RYB	199, 217, 227
Decimal	13099990
CIELab	87.94, -11.67, 3.21
CIELCh	88, 12.106, 164.641
Yxy	71.9353, 0.3018, 0.3437
Android (android.graphics.Color)	4291290070 (0xFFC7E3D6)
YUV	217.1460, -1.5510, -15.9140
Hunter-Lab	84.8147, -15.4877, 7.5035

Details

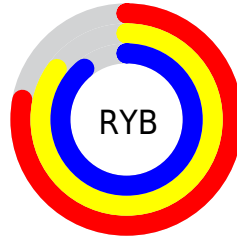
The Yxy color **71.9353, 0.3018, 0.3437** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.9368, 0.3252, 0.3148**, and the grayscale version is **69.5151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.0280, 0.2995, 0.3485** is the 20% darker color. If you saturate the color by 10%, you get **68.5408, 0.2933, 0.3571**, and if you desaturate by 10%, it is **75.8337, 0.3106, 0.3316**.

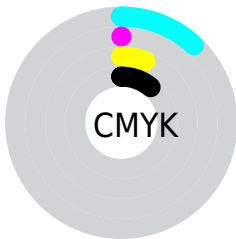
Distribution



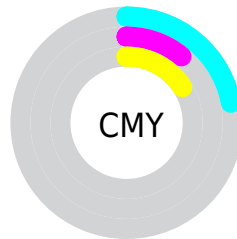
- Red (78%)
- Green (89%)
- Blue (84%)



- Red (78%)
- Yellow (85%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9353, 0.3018, 0.3437 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 71.9353, 0.3018, 0.3437 by changing the saturation by 10% instead.

71.9353, 0.3018,
0.3437

71.9353, 0.3018,
0.3437

467.3164, 0.3069,
0.3368

53.1058, 0.3006,
0.3453

121.9645, 0.3036,
0.3413

37.8873, 0.2992,
0.3473

153.9331, 0.3043,
0.3404

25.8952, 0.2973,
0.3498

191.0501, 0.3049,
0.3396

16.7453, 0.2948,
0.3532

233.7000, 0.3054,
0.3389

10.0530, 0.2914,
0.3579

282.2672, 0.3058,
0.3383

5.4341, 0.2864,
0.3647

337.1361, 0.3062,

2.5042, 0.2784,

0.3377

398.6910, 0.3066,
0.3372

0.3759

0.8787, 0.2546,
0.4065

0.0000, 0.0000,
0.0000

71.9353, 0.3018,
0.3437

71.9353, 0.3018,
0.3437

68.5408, 0.2933,
0.3571

75.8337, 0.3106,
0.3316

65.6200, 0.2854,
0.3719

80.2468, 0.3196,
0.3209

63.1534, 0.2783,
0.3880

82.8257, 0.3201,
0.3108

61.1164, 0.2725,
0.4051

83.4174, 0.3140,
0.3019

■ 59.4821, 0.2683,
0.4229

■ 58.2203, 0.2659,
0.4412

■ 57.2966, 0.2655,
0.4595

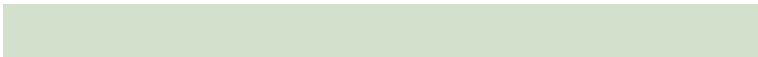
■ 56.6695, 0.2672,
0.4772

■ 56.3384, 0.2695,
0.4903

Harmonies

Analogous

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



71.9353, 0.3163, 0.3525



71.9353, 0.3018, 0.3437



71.9353, 0.2904, 0.3308

Triad

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



71.9353, 0.3018, 0.3437



71.9353, 0.2952, 0.3043



71.9353, 0.3414, 0.3393

Complementary

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



71.9353, 0.3018, 0.3437



61.9368, 0.3252, 0.3148

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.



71.9353, 0.3355, 0.3267



71.9353, 0.3018, 0.3437



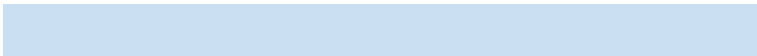
71.9353, 0.3086, 0.3068

Square

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



71.9353, 0.3018, 0.3437



71.9353, 0.2866, 0.3081



71.9353, 0.3234, 0.3150



71.9353, 0.3394, 0.3496

Rectangle

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



71.9353, 0.3018, 0.3437



71.9353, 0.2859, 0.3218



71.9353, 0.3234, 0.3150



71.9353, 0.3403, 0.3352

Sweetspot

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



71.9383, 0.3018, 0.3437



97.8159, 0.3091, 0.3336



73.0697, 0.3204, 0.3604



20.8513, 0.3084, 0.3345



0.0000, 0.0000, 0.0000



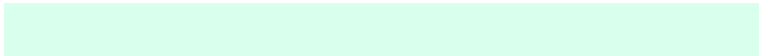
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9383, 0.3018, 0.3437



92.3642, 0.2994, 0.3473



72.1186, 0.2939, 0.3279



16.2179, 0.3043, 0.3401



32.8810, 0.2688, 0.4878



2.4485, 0.2618, 0.4625

Inverse Universe

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



61.9368, 0.3252, 0.3148



76.7245, 0.3284, 0.3114



61.7392, 0.3349, 0.3301



14.4785, 0.3220, 0.3182



10.1441, 0.5109, 0.2588



0.7682, 0.4760, 0.2396

Previews

White Background



This preview shows how the Yxy color 71.9353, 0.3018, 0.3437 looks on a white background.

Color Contrast Check

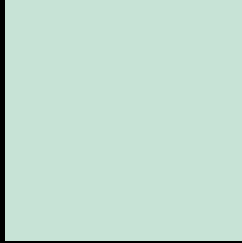
Large Text (above 18pt) WCAG AA × Fail

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 71.9353, 0.3018, 0.3437 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

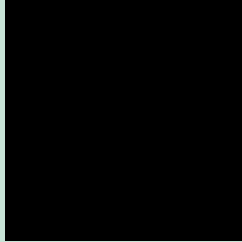
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

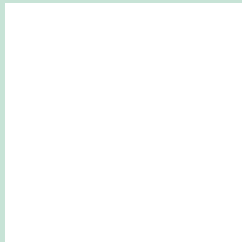
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9353, 0.3018, 0.3437

Background



This preview shows how black text looks on a background with the Yxy color 71.9353, 0.3018, 0.3437.

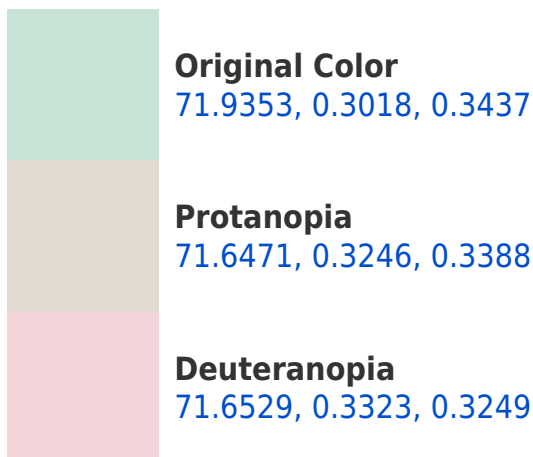


This preview shows how white text looks on a background with the Yxy color 71.9353, 0.3018, 0.3437.

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

71.9636, 0.2886, 0.3093

Trichromacy



Original Color

71.9353, 0.3018, 0.3437

Protanomaly

71.6974, 0.3164, 0.3412

Deuteranomaly

71.4316, 0.3206, 0.3312

Tritanomaly

71.6374, 0.2934, 0.3212

Monochromacy



Original Color

71.9353, 0.3018, 0.3437

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.3724, 0.3082, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9353, 0.3018, 0.3437 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, 227, 214)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 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, 227, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.9353, 0.3018, 0.3437 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, 227, 214) }
```

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

```
.border{ border-color:rgb(199, 227, 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, 227, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 227, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 227, 214);  
box-shadow:4px 4px 4px 4px rgb(199, 227,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9353, 0.3018, 0.3437 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 214) }
```

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

```
.background{ background-color: rgb(199,  
227, 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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