

Converting Colors

$Yxy(72.0677, 0.3125, 0.3391)$

Have a look what the booklet for
Yxy(72.0677, 0.3125, 0.3391)
contains.

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Color

Yxy(71.9265, 0.3122, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	D6DFD6
RGB	214, 223, 214
RGB Percent	84%, 87%, 84%
CMY	0.1611, 0.1254, 0.1608
CMYK	0.04, 0.00, 0.04, 0.13
HSL	120°, 12%, 86%
HSV	120°, 4%, 87%
XYZ	66.2403, 71.9265, 74.0058
YIQ	219.2830, -2.4750, -4.7070

Conversions

Conversions Part 2

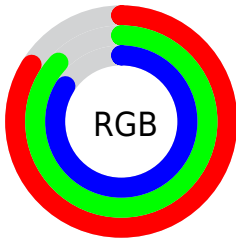
Format	Color
RYB	214, 223, 223
Decimal	14082006
CIELab	87.93, -4.69, 3.35
CIELCh	88, 5.761, 144.454
Yxy	71.9265, 0.3122, 0.3390
Android (android.graphics.Color)	4292272086 (0xFFD6DFD6)
YUV	219.2830, -2.6045, -4.6332
Hunter-Lab	84.8095, -8.9996, 7.6295

Details

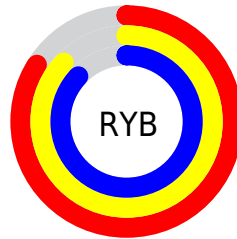
The Yxy color **71.9265, 0.3122, 0.3390** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.0745, 0.3132, 0.3192**, and the grayscale version is **71.0592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8794, 0.3121, 0.3421** is the 20% darker color. If you saturate the color by 10%, you get **67.7465, 0.3108, 0.3660**, and if you desaturate by 10%, it is **76.7258, 0.3134, 0.3155**.

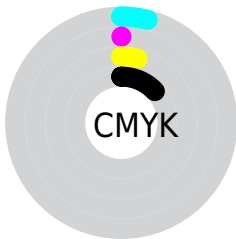
Distribution



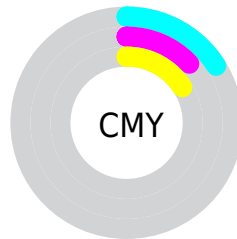
- Red (84%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (87%)



- Cyan (4%)
- Magenta (0%)
- Yellow (4%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9265, 0.3122, 0.3390 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 71.9265, 0.3122, 0.3390 by changing the saturation by 10% instead.

■ 71.9265, 0.3122,
0.3390

■ 71.9265, 0.3122,
0.3390

467.2857, 0.3125,
0.3343

■ 53.0986, 0.3121,
0.3401

121.9520, 0.3123,
0.3374

■ 37.8815, 0.3121,
0.3414

153.9185, 0.3123,
0.3367

■ 25.8907, 0.3120,
0.3431

191.0333, 0.3124,
0.3362

■ 16.7419, 0.3118,
0.3454

233.6807, 0.3124,
0.3357

■ 10.0507, 0.3116,
0.3485

282.2453, 0.3124,
0.3353

■ 5.4326, 0.3113,
0.3531

337.1114, 0.3124,

■ 2.5032, 0.3107,

0.3350

398.6634, 0.3124,
0.3346

0.3605

0.8783, 0.3104,
0.3784

0.0000, 0.0000,
0.0000

71.9265, 0.3122,
0.3390

71.9265, 0.3122,
0.3390

67.7465, 0.3108,
0.3660

76.7258, 0.3134,
0.3155

64.1518, 0.3093,
0.3964

81.2695, 0.3142,
0.2980

61.1191, 0.3076,
0.4298

58.6201, 0.3059,
0.4653

■ 56.6238, 0.3042,
0.5009

■ 55.0963, 0.3026,
0.5344

■ 53.9993, 0.3014,
0.5627

■ 53.2885, 0.3005,
0.5836

■ 52.9103, 0.3001,
0.5958

Harmonies

Analogous

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



71.9265, 0.3191, 0.3411



71.9265, 0.3122, 0.3390



71.9265, 0.3055, 0.3341

Triad

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



71.9265, 0.3122, 0.3390



71.9265, 0.3012, 0.3181



71.9265, 0.3248, 0.3300

Complementary

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



71.9265, 0.3122, 0.3390



69.0745, 0.3132, 0.3192

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.



71.9265, 0.3199, 0.3240



71.9265, 0.3122, 0.3390



71.9265, 0.3063, 0.3172

Square

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



71.9265, 0.3122, 0.3390



71.9265, 0.2992, 0.3220



71.9265, 0.3131, 0.3193



71.9265, 0.3264, 0.3358

Rectangle

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



71.9265, 0.3122, 0.3390



71.9265, 0.3020, 0.3300



71.9265, 0.3131, 0.3193



71.9265, 0.3235, 0.3279

Sweetspot

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



71.9296, 0.3122, 0.3390



99.3576, 0.3126, 0.3314



73.3330, 0.3187, 0.3389



21.2734, 0.3126, 0.3313



0.0000, 0.0000, 0.0000



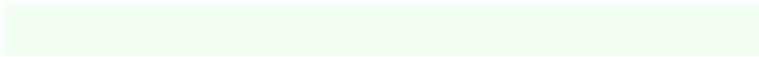
21.4041, 0.3127, 0.3290

Same Dimension

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



71.9296, 0.3122, 0.3390



96.8730, 0.3121, 0.3414



72.1618, 0.3093, 0.3340



15.6948, 0.3120, 0.3431



31.0339, 0.2999, 0.5995



2.1517, 0.2995, 0.5981

Inverse Universe

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



69.0745, 0.3132, 0.3192



92.1272, 0.3133, 0.3169



68.8360, 0.3163, 0.3240



14.8298, 0.3134, 0.3153



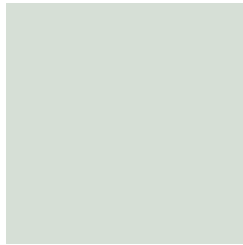
12.3061, 0.3227, 0.1552



0.8536, 0.3224, 0.1550

Previews

White Background



This preview shows how the Yxy color 71.9265, 0.3122, 0.3390 looks on a white background.

Color Contrast Check

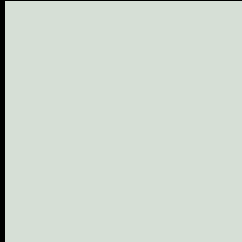
Large Text (above 18pt) WCAG AA × Fail

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 71.9265, 0.3122, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

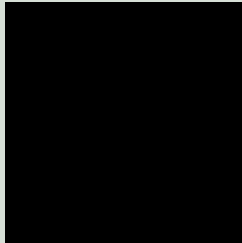
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

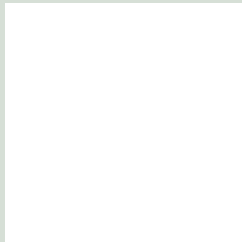
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.9265, 0.3122, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 71.9265, 0.3122, 0.3390.

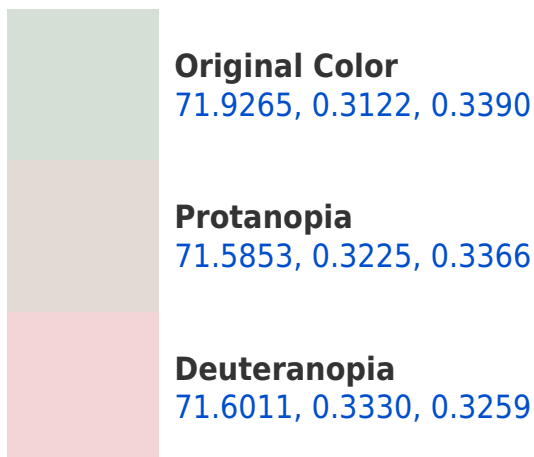


This preview shows how white text looks on a background with the Yxy color 71.9265, 0.3122, 0.3390.

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

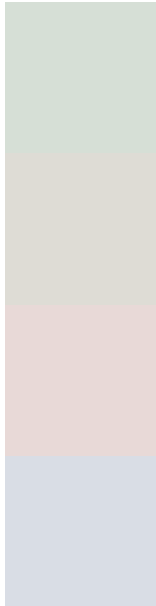




Tritanopia

72.2063, 0.3003, 0.3107

Trichromacy



Original Color

71.9265, 0.3122, 0.3390

Protanomaly

71.5201, 0.3188, 0.3367

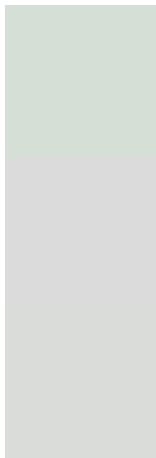
Deuteranomaly

71.6878, 0.3250, 0.3312

Tritanomaly

72.1218, 0.3047, 0.3203

Monochromacy



Original Color

71.9265, 0.3122, 0.3390

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9479, 0.3126, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9265, 0.3122, 0.3390 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(214, 223, 214) looks like.

```
.text, #text, p{  
    color:rgb(214, 223, 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(214, 223, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 223, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.9265, 0.3122, 0.3390 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(214, 223, 214) }
```

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

```
.border{ border-color:rgb(214, 223, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 223, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 223, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 223, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 223,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9265, 0.3122, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 223, 214) }
```

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

```
.background{ background-color: rgb(214,  
223, 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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