

Converting Colors

$Yxy(71.9556, 0.3092, 0.3318)$

Have a look what the booklet for
Yxy(71.9556, 0.3092, 0.3318)
contains.

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Color

Yxy(71.8569, 0.3091, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	D7DEDC
RGB	215, 222, 220
RGB Percent	84%, 87%, 86%
CMY	0.1569, 0.1294, 0.1373
CMYK	0.03, 0.00, 0.01, 0.13
HSL	163°, 10%, 86%
HSV	163°, 3%, 87%
XYZ	67.0621, 71.8569, 78.0402
YIQ	219.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

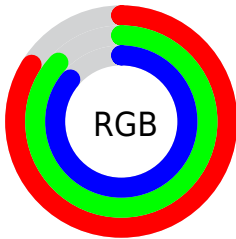
Format	Color
R _Y B	215, 219, 222
Decimal	14147292
CIE Lab	87.90, -2.72, 0.15
CIE LCh	88, 2.722, 176.787
Yxy	71.8569, 0.3091, 0.3312
Android (android.graphics.Color)	4292337372 (0xFFD7DEDC)
YUV	219.6790, 0.1583, -4.1035
Hunter-Lab	84.7684, -7.1297, 4.7539

Details

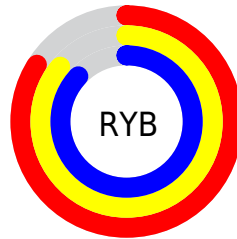
The Yxy color **71.8569, 0.3091, 0.3312** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.1404, 0.3165, 0.3268**, and the grayscale version is **71.3367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.8276, 0.3080, 0.3319** is the 20% darker color. If you saturate the color by 10%, you get **68.3927, 0.2979, 0.3387**, and if you desaturate by 10%, it is **75.7962, 0.3206, 0.3245**.

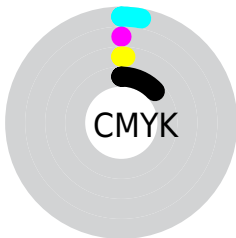
Distribution



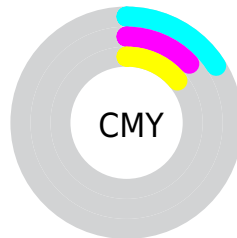
- Red (84%)
- Green (87%)
- Blue (86%)



- Red (84%)
- Yellow (86%)
- Blue (87%)



- Cyan (3%)
- Magenta (0%)
- Yellow (1%)
- Black (13%)



- Cyan (16%)
- Magenta (13%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.8569, 0.3091, 0.3312 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 71.8569, 0.3091, 0.3312 by changing the saturation by 10% instead.

■ 71.8569, 0.3091,
0.3312

■ 71.8569, 0.3091,
0.3312

467.0434, 0.3108,
0.3302

■ 53.0418, 0.3087,
0.3314

121.8531, 0.3097,
0.3308

■ 37.8361, 0.3082,
0.3317

153.8029, 0.3099,
0.3307

■ 25.8555, 0.3076,
0.3321

190.8998, 0.3101,
0.3306

■ 16.7156, 0.3068,
0.3326

233.5281, 0.3103,
0.3305

■ 10.0319, 0.3057,
0.3332

282.0722, 0.3104,
0.3304

■ 5.4201, 0.3041,
0.3342

336.9165, 0.3106,

■ 2.4958, 0.3016,

0.3303

398.4454, 0.3107,
0.3303

0.3357

0.8745, 0.2964,
0.3388

0.0000, 0.0000,
0.0000

71.8569, 0.3091,
0.3312

71.8569, 0.3091,
0.3312

68.3927, 0.2979,
0.3387

75.7962, 0.3206,
0.3245

65.3759, 0.2872,
0.3469

79.3749, 0.3291,
0.3184


62.7900, 0.2773,
0.3559

79.7454, 0.3247,
0.3121

60.6140, 0.2686,
0.3655

80.1291, 0.3205,
0.3060


 58.8250, 0.2613,
0.3757


 80.5263, 0.3163,
0.2999

 57.3977, 0.2557,
0.3863

 80.7263, 0.3142,
0.2970

 56.3040, 0.2521,
0.3971

 55.5113, 0.2504,
0.4081

 54.9802, 0.2507,
0.4190

Harmonies

Analogous

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



71.8569, 0.3122, 0.3336



71.8569, 0.3091, 0.3312



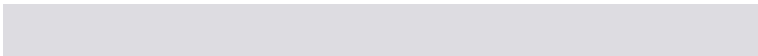
71.8569, 0.3069, 0.3283

Triad

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



71.8569, 0.3091, 0.3312



71.8569, 0.3099, 0.3234



71.8569, 0.3192, 0.3325

Complementary

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



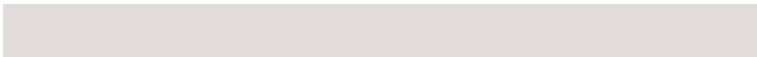
71.8569, 0.3091, 0.3312



69.1404, 0.3165, 0.3268

Split Complementary

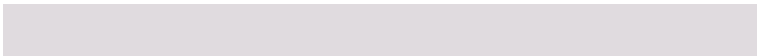
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.8569, 0.3185, 0.3297



71.8569, 0.3091, 0.3312



71.8569, 0.3132, 0.3245

Square

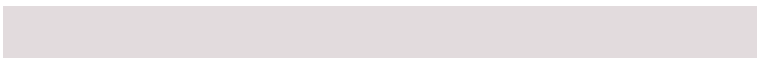
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.8569, 0.3091, 0.3312



71.8569, 0.3074, 0.3238



71.8569, 0.3164, 0.3269



71.8569, 0.3181, 0.3343

Rectangle

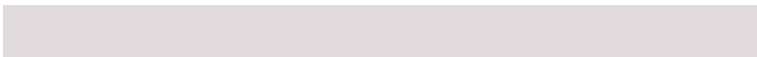
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.8569, 0.3091, 0.3312



71.8569, 0.3063, 0.3264



71.8569, 0.3164, 0.3269



71.8569, 0.3192, 0.3316

Sweetspot

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



71.8600, 0.3091, 0.3312



99.4725, 0.3116, 0.3297



71.9195, 0.3138, 0.3367



21.2968, 0.3116, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

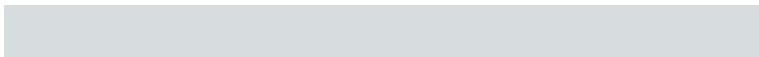
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.8600, 0.3091, 0.3312



97.9293, 0.3081, 0.3318



71.2256, 0.3078, 0.3274



15.8716, 0.3073, 0.3323



32.5226, 0.2513, 0.4247



2.2695, 0.2467, 0.4081

Inverse Universe

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



69.1404, 0.3165, 0.3268



93.2044, 0.3175, 0.3262



69.7533, 0.3177, 0.3306



14.9750, 0.3184, 0.3257



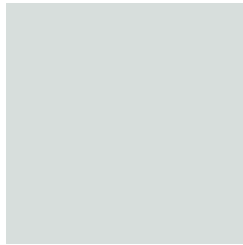
9.4591, 0.5799, 0.2968



0.6708, 0.5357, 0.2725

Previews

White Background



This preview shows how the Yxy color 71.8569, 0.3091, 0.3312 looks on a white background.

Color Contrast Check

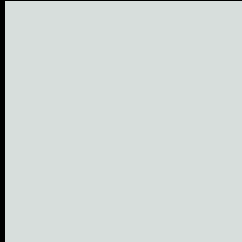
Large Text (above 18pt) WCAG AA × Fail

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 71.8569, 0.3091, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

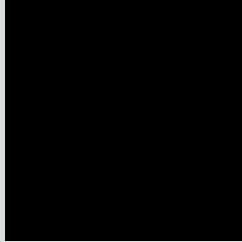
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

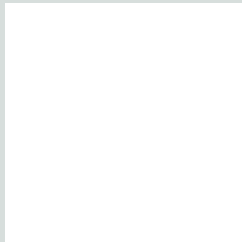
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.8569, 0.3091, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 71.8569, 0.3091, 0.3312.

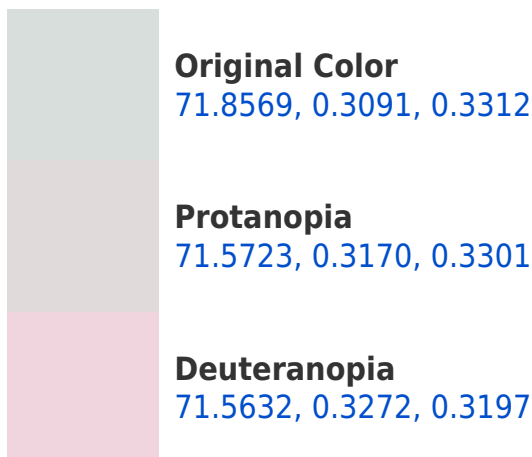


This preview shows how white text looks on a background with the Yxy color 71.8569, 0.3091, 0.3312.

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

71.6829, 0.3003, 0.3096

Trichromacy



Original Color

71.8569, 0.3091, 0.3312

Protanomaly

71.6730, 0.3141, 0.3301

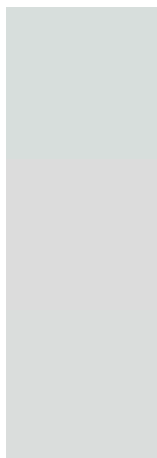
Deuteranomaly

71.4880, 0.3210, 0.3237

Tritanomaly

71.7076, 0.3035, 0.3171

Monochromacy



Original Color

71.8569, 0.3091, 0.3312

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.7856, 0.3112, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.8569, 0.3091, 0.3312 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, 222, 220) looks like.

```
.text, #text, p{  
    color:rgb(215, 222, 220)  
}
```

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, 222, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 222, 220) }
```

Border

The CSS property to change the border of an element to Yxy 71.8569, 0.3091, 0.3312 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, 222, 220) }
```

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

```
.border{ border-color:rgb(215, 222, 220) }
```

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

Here you see how a box with a 4 pixel rgb(215, 222, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 222, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 222, 220);  
box-shadow:4px 4px 4px 4px rgb(215, 222,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 71.8569, 0.3091, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 222, 220) }
```

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

```
.background{ background-color: rgb(215,  
222, 220) }
```

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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