

Converting Colors

$Yxy(71.6803, 0.3126, 0.3323)$

Have a look what the booklet for
Yxy(71.6803, 0.3126, 0.3323)
contains.

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Color

Yxy(71.6803, 0.3126, 0.3323)

Conversions

Conversions Part 1

Format	Color
Hex	DADDDA
RGB	218, 221, 218
RGB Percent	85%, 87%, 85%
CMY	0.1450, 0.1333, 0.1452
CMYK	0.01, 0.00, 0.01, 0.13
HSL	119°, 4%, 86%
HSV	119°, 1%, 87%
XYZ	67.4308, 71.6803, 76.5985
YIQ	219.7610, -0.8250, -1.5690

Conversions

Conversions Part 2

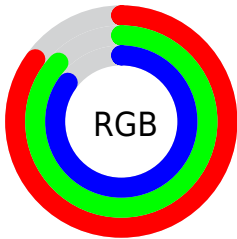
Format	Color
R _Y B	218, 221, 221
Decimal	14343642
CIE Lab	87.81, -1.54, 1.11
CIE LCh	88, 1.898, 144.029
Yxy	71.6803, 0.3126, 0.3323
Android (android.graphics.Color)	4292533722 (0xFFDADDDA)
YUV	219.7610, -0.8682, -1.5444
Hunter-Lab	84.6642, -5.9961, 5.6234

Details

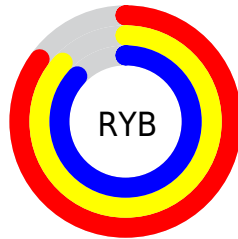
The Yxy color **71.6803, 0.3126, 0.3323** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.7172, 0.3128, 0.3257**, and the grayscale version is **71.4060, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7033, 0.3125, 0.3333** is the 20% darker color. If you saturate the color by 10%, you get **67.4726, 0.3117, 0.3585**, and if you desaturate by 10%, it is **76.4864, 0.3134, 0.3095**.

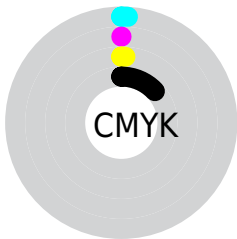
Distribution



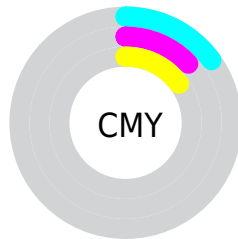
- Red (85%)
- Green (87%)
- Blue (85%)



- Red (85%)
- Yellow (87%)
- Blue (87%)



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



- Cyan (15%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.6803, 0.3126, 0.3323 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 71.6803, 0.3126, 0.3323 by changing the saturation by 10% instead.

■ 71.6803, 0.3126,
0.3323

■ 71.6803, 0.3126,
0.3323

466.4281, 0.3127,
0.3308

■ 52.8976, 0.3126,
0.3327

121.6019, 0.3126,
0.3318

■ 37.7210, 0.3126,
0.3331

153.5095, 0.3126,
0.3316

■ 25.7662, 0.3125,
0.3336

190.5609, 0.3126,
0.3314

■ 16.6488, 0.3125,
0.3344

233.1405, 0.3126,
0.3312

■ 9.9844, 0.3125,
0.3354

281.6326, 0.3126,
0.3311

■ 5.3886, 0.3124,
0.3368

336.4216, 0.3127,

■ 2.4770, 0.3123,

0.3310

397.8920, 0.3127,
0.3309

0.3392

0.8651, 0.3122,
0.3441

0.0000, 0.0000,
0.0000

71.6803, 0.3126,
0.3323

71.6803, 0.3126,
0.3323

67.4726, 0.3117,
0.3585

76.4864, 0.3134,
0.3095

63.8310, 0.3105,
0.3881

80.1911, 0.3143,
0.2960

60.7344, 0.3092,
0.4209

58.1564, 0.3078,
0.4560

■ 56.0687, 0.3062,
0.4918

■ 54.4403, 0.3046,
0.5261

■ 53.2365, 0.3031,
0.5560

■ 52.4180, 0.3018,
0.5790

■ 51.9376, 0.3008,
0.5935

Harmonies

Analogous

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



71.6803, 0.3149, 0.3330



71.6803, 0.3126, 0.3323



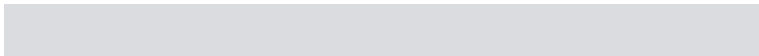
71.6803, 0.3104, 0.3307

Triad

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



71.6803, 0.3126, 0.3323



71.6803, 0.3089, 0.3254



71.6803, 0.3167, 0.3293

Complementary

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



71.6803, 0.3126, 0.3323



70.7172, 0.3128, 0.3257

Split Complementary

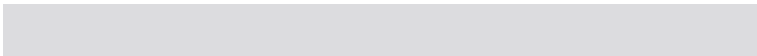
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.6803, 0.3151, 0.3273



71.6803, 0.3126, 0.3323



71.6803, 0.3106, 0.3251

Square

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



71.6803, 0.3126, 0.3323



71.6803, 0.3082, 0.3267



71.6803, 0.3128, 0.3258



71.6803, 0.3172, 0.3313

Rectangle

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



71.6803, 0.3126, 0.3323



71.6803, 0.3092, 0.3294



71.6803, 0.3128, 0.3258



71.6803, 0.3162, 0.3287

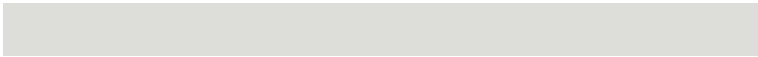
Sweetspot

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



71.6834, 0.3126, 0.3323

100.0000, 0.3127, 0.3290



72.0908, 0.3147, 0.3322



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



71.6834, 0.3126, 0.3323



98.7385, 0.3125, 0.3339



71.7489, 0.3116, 0.3308



15.3043, 0.3126, 0.3336



30.0611, 0.3004, 0.5997



1.9516, 0.3017, 0.5987

Inverse Universe

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



70.7172, 0.3128, 0.3257



96.7715, 0.3129, 0.3241



70.6511, 0.3138, 0.3273



15.0192, 0.3129, 0.3245



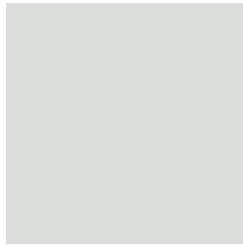
11.6071, 0.3164, 0.1517



0.7559, 0.3172, 0.1521

Previews

White Background



This preview shows how the Yxy color 71.6803, 0.3126, 0.3323 looks on a white background.

Color Contrast Check

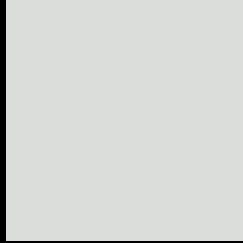
Large Text (above 18pt) WCAG AA × Fail

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 71.6803, 0.3126, 0.3323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

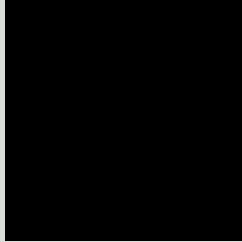
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

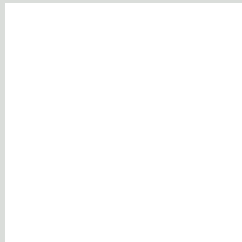
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6803, 0.3126, 0.3323

Background



This preview shows how black text looks on a background with the Yxy color 71.6803, 0.3126, 0.3323.

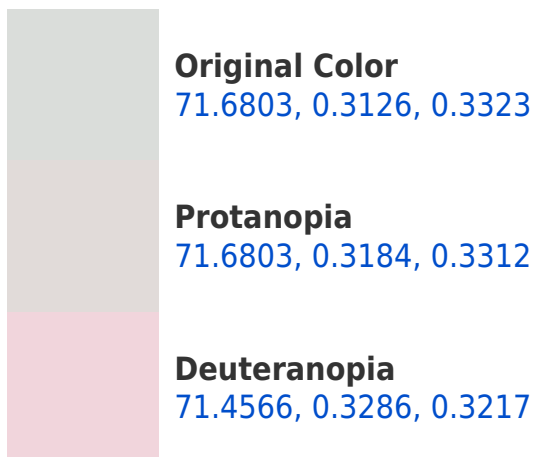


This preview shows how white text looks on a background with the Yxy color 71.6803, 0.3126, 0.3323.

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

71.5711, 0.3031, 0.3097

Trichromacy



Original Color

71.6803, 0.3126, 0.3323

Protanomaly

71.7257, 0.3161, 0.3323

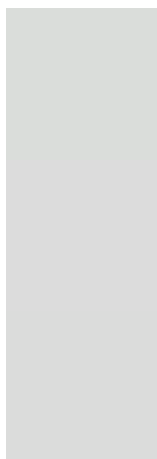
Deuteranomaly

71.5498, 0.3231, 0.3258

Tritanomaly

71.5358, 0.3069, 0.3182

Monochromacy



Original Color

71.6803, 0.3126, 0.3323

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.3609, 0.3127, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6803, 0.3126, 0.3323 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(218, 221, 218)` looks like.

```
.text, #text, p{  
    color:rgb(218, 221, 218)  
}
```

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(218, 221, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 221, 218) }
```

Border

The CSS property to change the border of an element to Yxy 71.6803, 0.3126, 0.3323 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(218, 221, 218) }
```

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

```
.border{ border-color:rgb(218, 221, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 221, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 221, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 221, 218);  
box-shadow:4px 4px 4px 4px rgb(218, 221,  
218) }
```

Background

The CSS property to change the background color of an element to Yxy 71.6803, 0.3126, 0.3323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 221, 218) }
```

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

```
.background{ background-color: rgb(218,  
221, 218) }
```

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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