

Converting Colors

$Yxy(70.6419, 0.3123, 0.3382)$

Have a look what the booklet for
Yxy(70.6419, 0.3123, 0.3382)
contains.

Yxy(70.6631, 0.3123, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(70.6631, 0.3123, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	D5DDD5
RGB	213, 221, 213
RGB Percent	84%, 87%, 84%
CMY	0.1647, 0.1333, 0.1647
CMYK	0.04, 0.00, 0.04, 0.13
HSL	120°, 11%, 85%
HSV	120°, 4%, 87%
XYZ	65.3095, 70.6631, 73.1517
YIQ	217.6960, -2.2000, -4.1840

Conversions

Conversions Part 2

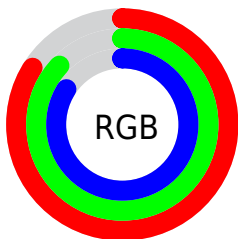
Format	Color
R _Y B	213, 221, 221
Decimal	14015957
CIE Lab	87.32, -4.14, 2.97
CIE LCh	87, 5.093, 144.286
Yxy	70.6631, 0.3123, 0.3379
Android (android.graphics.Color)	4292206037 (0xFFD5DDD5)
YUV	217.6960, -2.3151, -4.1184
Hunter-Lab	84.0613, -8.4259, 7.2477

Details

The Yxy color **70.6631, 0.3123, 0.3379** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.1849, 0.3131, 0.3203**, and the grayscale version is **69.9109, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0102, 0.3122, 0.3407** is the 20% darker color. If you saturate the color by 10%, you get **66.5370, 0.3110, 0.3649**, and if you desaturate by 10%, it is **75.3983, 0.3134, 0.3144**.

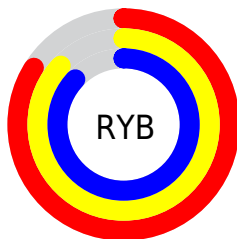
Distribution



Red (84%)

Green (87%)

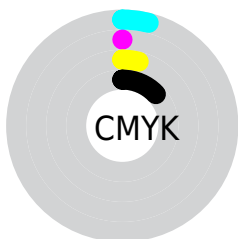
Blue (84%)



Red (84%)

Yellow (87%)

Blue (87%)

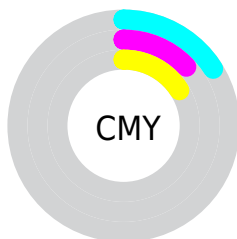


Cyan (4%)

Magenta (0%)

Yellow (4%)

Black (13%)



Cyan (16%)

Magenta (13%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.6631, 0.3123, 0.3379 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 70.6631, 0.3123, 0.3379 by changing the saturation by 10% instead.

■ 70.6631, 0.3123,
0.3379

■ 70.6631, 0.3123,
0.3379

462.8749, 0.3125,
0.3337

■ 52.0673, 0.3122,
0.3389

120.1539, 0.3124,
0.3364

■ 37.0587, 0.3122,
0.3401

151.8177, 0.3124,
0.3359

■ 25.2530, 0.3121,
0.3416

188.6063, 0.3124,
0.3354

■ 16.2656, 0.3120,
0.3436

230.9040, 0.3124,
0.3350

■ 9.7123, 0.3118,
0.3464

279.0954, 0.3125,
0.3346

■ 5.2086, 0.3115,
0.3506

333.5647, 0.3125,

■ 2.3702, 0.3111,

0.3343

0.3573

394.6964, 0.3125,
0.3340

0.8105, 0.3107,
0.3762

0.0000, 0.0000,
0.0000

70.6631, 0.3123,
0.3379

70.6631, 0.3123,
0.3379

66.5370, 0.3110,
0.3649

75.3983, 0.3134,
0.3144

62.9866, 0.3096,
0.3954

80.1941, 0.3143,
0.2960

59.9893, 0.3080,
0.4289

57.5171, 0.3064,
0.4645

■ 55.5398, 0.3047,
0.5004

■ 54.0242, 0.3031,
0.5340

■ 52.9328, 0.3018,
0.5626

■ 52.2224, 0.3008,
0.5836

■ 51.8408, 0.3002,
0.5958

Harmonies

Analogous

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



70.6631, 0.3184, 0.3398



70.6631, 0.3123, 0.3379



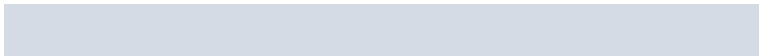
70.6631, 0.3063, 0.3336

Triad

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



70.6631, 0.3123, 0.3379



70.6631, 0.3025, 0.3193



70.6631, 0.3235, 0.3299

Complementary

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



70.6631, 0.3123, 0.3379



68.1849, 0.3131, 0.3203

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.



70.6631, 0.3191, 0.3245



70.6631, 0.3123, 0.3379



70.6631, 0.3070, 0.3185

Square

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



70.6631, 0.3123, 0.3379



70.6631, 0.3007, 0.3228



70.6631, 0.3131, 0.3204



70.6631, 0.3249, 0.3351

Rectangle

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



70.6631, 0.3123, 0.3379



70.6631, 0.3032, 0.3299



70.6631, 0.3131, 0.3204



70.6631, 0.3223, 0.3280

Sweetspot

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



70.6661, 0.3123, 0.3379



99.3565, 0.3126, 0.3314



71.8208, 0.3180, 0.3376



21.2732, 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.



70.6661, 0.3123, 0.3379



97.4774, 0.3123, 0.3390



70.8644, 0.3098, 0.3336



15.0325, 0.3122, 0.3407



30.0411, 0.3000, 0.6000



1.9463, 0.3000, 0.6000

Inverse Universe

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



68.1849, 0.3131, 0.3203



93.6634, 0.3132, 0.3192



67.9816, 0.3158, 0.3245



14.3451, 0.3132, 0.3176



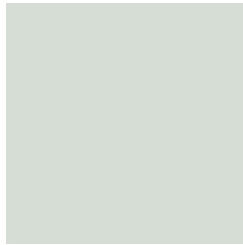
11.9573, 0.3209, 0.1541



0.7747, 0.3209, 0.1541

Previews

White Background



This preview shows how the Yxy color 70.6631, 0.3123, 0.3379 looks on a white background.

Color Contrast Check

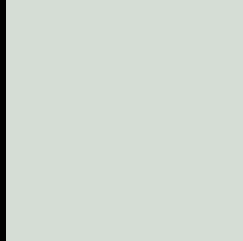
Large Text (above 18pt) WCAG AA × Fail

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 70.6631, 0.3123, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

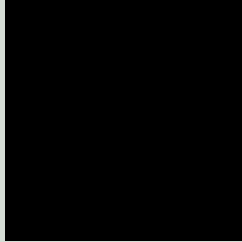
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

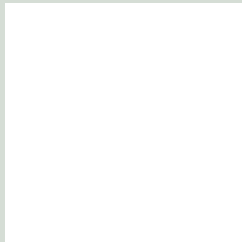
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6631, 0.3123, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 70.6631, 0.3123, 0.3379.

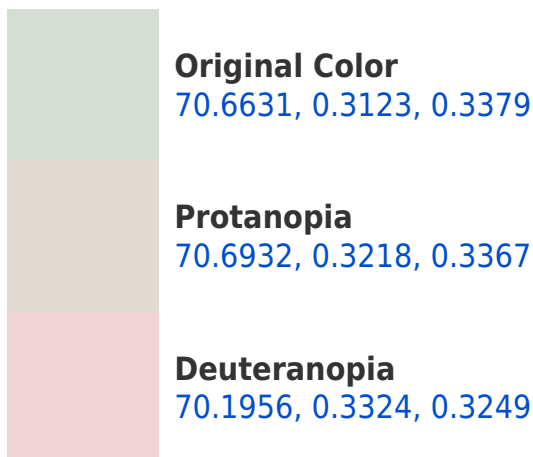


This preview shows how white text looks on a background with the Yxy color 70.6631, 0.3123, 0.3379.

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

70.7399, 0.3002, 0.3106

Trichromacy



Original Color

70.6631, 0.3123, 0.3379

Protanomaly

70.6321, 0.3181, 0.3367

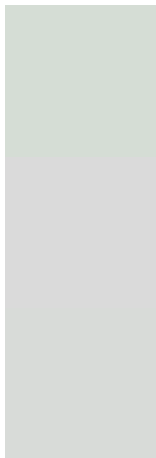
Deuteranomaly

70.4448, 0.3252, 0.3301

Tritanomaly

70.6562, 0.3047, 0.3202

Monochromacy



Original Color

70.6631, 0.3123, 0.3379

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.2198, 0.3126, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6631, 0.3123, 0.3379 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(213, 221, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 213)  
}
```

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(213, 221, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 213) }
```

Border

The CSS property to change the border of an element to Yxy 70.6631, 0.3123, 0.3379 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(213, 221, 213) }
```

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

```
.border{ border-color:rgb(213, 221, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6631, 0.3123, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 213) }
```

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

```
.background{ background-color: rgb(213,  
221, 213) }
```

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