

Converting Colors

$Yxy(71.3673, 0.3080, 0.3359)$

Have a look what the booklet for
Yxy(71.3673, 0.3080, 0.3359)
contains.

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Color

Yxy(71.4867, 0.3075, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	D2DFD9
RGB	210, 223, 217
RGB Percent	82%, 87%, 85%
CMY	0.1766, 0.1254, 0.1491
CMYK	0.06, 0.00, 0.03, 0.13
HSL	152°, 17%, 85%
HSV	152°, 6%, 87%
XYZ	65.4816, 71.4867, 75.9799
YIQ	218.4290, -5.8220, -4.6220

Conversions

Conversions Part 2

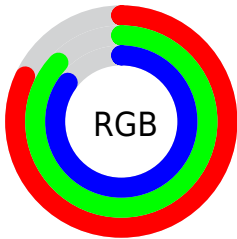
Format	Color
R _Y B	210, 218, 223
Decimal	13819865
CIE Lab	87.72, -5.47, 1.43
CIE LCh	88, 5.656, 165.319
Yxy	71.4867, 0.3075, 0.3357
Android (android.graphics.Color)	4292009945 (0xFFD2DFD9)
YUV	218.4290, -0.7045, -7.3922
Hunter-Lab	84.5498, -9.7187, 5.9045

Details

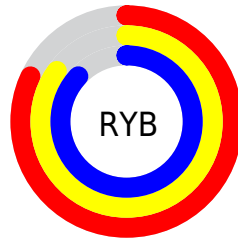
The Yxy color **71.4867, 0.3075, 0.3357** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7264, 0.3183, 0.3224**, and the grayscale version is **70.4283, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6818, 0.3068, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **67.9219, 0.2987, 0.3482**, and if you desaturate by 10%, it is **75.5473, 0.3164, 0.3245**.

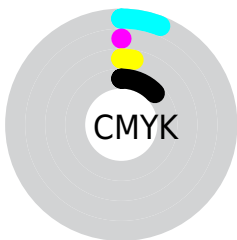
Distribution



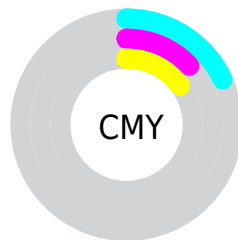
- Red (82%)
- Green (87%)
- Blue (85%)



- Red (82%)
- Yellow (85%)
- Blue (87%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (13%)



- Cyan (18%)
- Magenta (13%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4867, 0.3075, 0.3357 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 71.4867, 0.3075, 0.3357 by changing the saturation by 10% instead.

■ 71.4867, 0.3075,
0.3357

■ 71.4867, 0.3075,
0.3357

465.7530, 0.3099,
0.3326

■ 52.7395, 0.3069,
0.3364

121.3265, 0.3083,
0.3346

■ 37.5948, 0.3062,
0.3373

153.1878, 0.3087,
0.3342

■ 25.6684, 0.3054,
0.3385

190.1893, 0.3090,
0.3338

■ 16.5757, 0.3042,
0.3400

232.7154, 0.3092,
0.3335

■ 9.9325, 0.3026,
0.3420

281.1504, 0.3094,
0.3332

■ 5.3542, 0.3002,
0.3451

335.8787, 0.3096,

■ 2.4565, 0.2965,

0.3330

0.3500

397.2848, 0.3098,
0.3328

0.8548, 0.2872,
0.3616

0.0000, 0.0000,
0.0000

71.4867, 0.3075,
0.3357

71.4867, 0.3075,
0.3357

67.9219, 0.2987,
0.3482

75.5473, 0.3164,
0.3245

64.8243, 0.2904,
0.3621

80.1128, 0.3254,
0.3146

62.1763, 0.2828,
0.3773

80.8162, 0.3188,
0.3047

59.9556, 0.2761,
0.3937

81.2638, 0.3142,
0.2980

■ 58.1381, 0.2708,
0.4110

■ 56.6970, 0.2672,
0.4290

■ 55.6022, 0.2655,
0.4473

■ 54.8185, 0.2658,
0.4654

■ 54.3031, 0.2681,
0.4828

Harmonies

Analogous

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



71.4867, 0.3143, 0.3398



71.4867, 0.3075, 0.3357



71.4867, 0.3021, 0.3298

Triad

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



71.4867, 0.3075, 0.3357



71.4867, 0.3046, 0.3173



71.4867, 0.3261, 0.3341

Complementary

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



71.4867, 0.3075, 0.3357



66.7264, 0.3183, 0.3224

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.



71.4867, 0.3234, 0.3281



71.4867, 0.3075, 0.3357



71.4867, 0.3110, 0.3185

Square

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



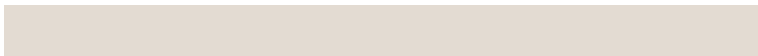
71.4867, 0.3075, 0.3357



71.4867, 0.3004, 0.3192



71.4867, 0.3179, 0.3225



71.4867, 0.3251, 0.3388

Rectangle

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



71.4867, 0.3075, 0.3357



71.4867, 0.3000, 0.3256



71.4867, 0.3179, 0.3225



71.4867, 0.3256, 0.3322

Sweetspot

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



71.4897, 0.3075, 0.3357



98.8946, 0.3109, 0.3313



72.0431, 0.3163, 0.3435



21.1791, 0.3110, 0.3311



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.



71.4897, 0.3075, 0.3357



96.2501, 0.3064, 0.3371



71.5773, 0.3037, 0.3285



15.6131, 0.3060, 0.3377



31.8498, 0.2687, 0.4873



2.2257, 0.2613, 0.4607

Inverse Universe

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



66.7264, 0.3183, 0.3224



88.5326, 0.3195, 0.3210



66.6350, 0.3225, 0.3295



14.2724, 0.3200, 0.3204



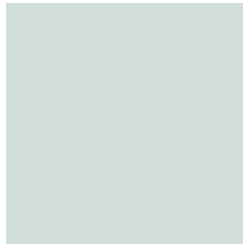
9.8238, 0.5110, 0.2589



0.6989, 0.4742, 0.2386

Previews

White Background



This preview shows how the Yxy color 71.4867, 0.3075, 0.3357 looks on a white background.

Color Contrast Check

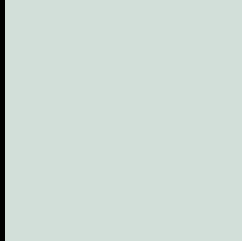
Large Text (above 18pt) WCAG AA × Fail

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 71.4867, 0.3075, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

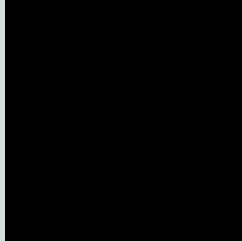
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

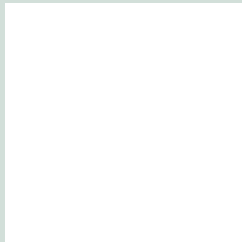
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4867, 0.3075, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 71.4867, 0.3075, 0.3357.

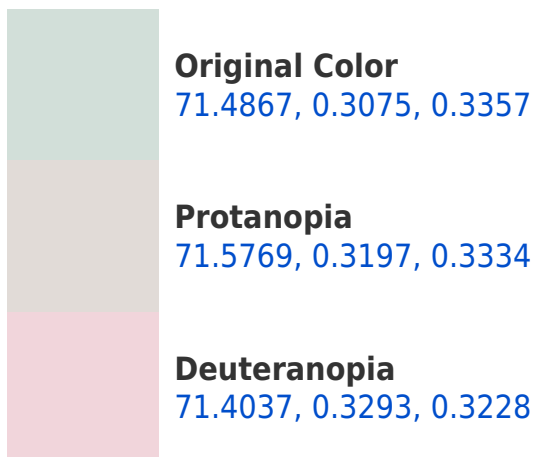


This preview shows how white text looks on a background with the Yxy color 71.4867, 0.3075, 0.3357.

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

71.4470, 0.2969, 0.3105

Trichromacy



Original Color

71.4867, 0.3075, 0.3357

Protanomaly

71.3599, 0.3154, 0.3334

Deuteranomaly

71.5107, 0.3215, 0.3280

Tritanomaly

71.4231, 0.3007, 0.3191

Monochromacy



Original Color

71.4867, 0.3075, 0.3357

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.6954, 0.3105, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4867, 0.3075, 0.3357 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(210, 223, 217)` looks like.

```
.text, #text, p{  
    color:rgb(210, 223, 217)  
}
```

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(210, 223, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 223, 217) }
```

Border

The CSS property to change the border of an element to Yxy 71.4867, 0.3075, 0.3357 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(210, 223, 217) }
```

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

```
.border{ border-color:rgb(210, 223, 217) }
```

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

Here you see how a box with a 4 pixel rgb(210, 223, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 223, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 223, 217);  
box-shadow:4px 4px 4px 4px rgb(210, 223,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4867, 0.3075, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 223, 217) }
```

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

```
.background{ background-color: rgb(210,  
223, 217) }
```

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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