

Converting Colors

$Yxy(71.0680, 0.3167, 0.3353)$

Have a look what the booklet for
Yxy(71.0680, 0.3167, 0.3353)
contains.

Yxy(71.2571, 0.3167, 0.3356)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.2571, 0.3167, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	DCDCD6
RGB	220, 220, 214
RGB Percent	86%, 86%, 84%
CMY	0.1373, 0.1372, 0.1608
CMYK	0.00, 0.00, 0.03, 0.14
HSL	60°, 8%, 85%
HSV	60°, 3%, 86%
XYZ	67.2441, 71.2571, 73.8263
YIQ	219.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

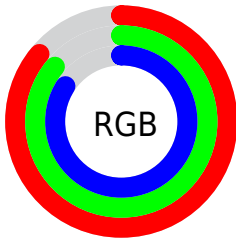
Format	Color
R _Y B	214, 220, 214
Decimal	14474454
CIE Lab	87.61, -1.07, 2.93
CIE LCh	88, 3.122, 109.959
Yxy	71.2571, 0.3167, 0.3356
Android (android.graphics.Color)	4292664534 (0xFFDCDCD6)
YUV	219.3160, -2.6208, 0.5999
Hunter-Lab	84.4139, -5.5313, 7.2362

Details

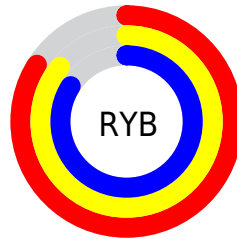
The Yxy color **71.2571, 0.3167, 0.3356** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5582, 0.3087, 0.3223**, and the grayscale version is **71.0879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4128, 0.3179, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **70.2031, 0.3316, 0.3603**, and if you desaturate by 10%, it is **72.4691, 0.3024, 0.3119**.

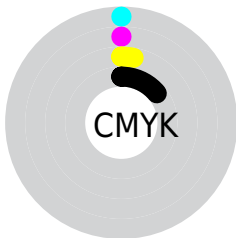
Distribution



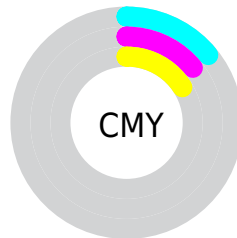
- Red (86%)
- Green (86%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.2571, 0.3167, 0.3356 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 71.2571, 0.3167, 0.3356 by changing the saturation by 10% instead.

■ 71.2571, 0.3167,
0.3356

■ 71.2571, 0.3167,
0.3356

464.9517, 0.3149,
0.3325

■ 52.5520, 0.3171,
0.3363

120.9997, 0.3161,
0.3345

■ 37.4453, 0.3176,
0.3372

152.8061, 0.3158,
0.3341

■ 25.5524, 0.3183,
0.3383

189.7483, 0.3156,
0.3338

■ 16.4891, 0.3192,
0.3398

232.2109, 0.3154,
0.3335

■ 9.8709, 0.3204,
0.3418

280.5781, 0.3152,
0.3332

■ 5.3135, 0.3221,
0.3447

335.2343, 0.3151,

■ 2.4323, 0.3249,

0.3329

0.3495

396.5641, 0.3150,
0.3327

0.8424, 0.3326,
0.3617

0.0000, 0.0000,
0.0000

71.2571, 0.3167,
0.3356

71.2571, 0.3167,
0.3356

70.2031, 0.3316,
0.3603

72.4691, 0.3024,
0.3119

69.2919, 0.3468,
0.3855

73.6407, 0.2907,
0.2925

68.5200, 0.3618,
0.4103

73.6485, 0.2907,
0.2925

67.8804, 0.3760,
0.4339

73.6562, 0.2907,
0.2925

67.3658, 0.3888,
0.4553

73.6640, 0.2908,
0.2925

66.9678, 0.3998,
0.4735

73.6718, 0.2908,
0.2925

66.6772, 0.4083,
0.4878

73.6795, 0.2908,
0.2925

66.4831, 0.4143,
0.4977

73.6873, 0.2909,
0.2925

66.3729, 0.4177,
0.5034

73.6951, 0.2909,
0.2925

Harmonies

Analogous

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



71.2571, 0.3193, 0.3347



71.2571, 0.3167, 0.3356



71.2571, 0.3130, 0.3347

Triad

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



71.2571, 0.3167, 0.3356



71.2571, 0.3054, 0.3256



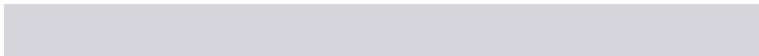
71.2571, 0.3161, 0.3258

Complementary

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



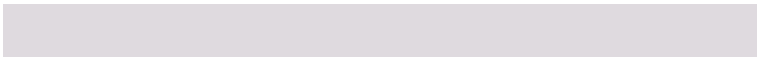
71.2571, 0.3167, 0.3356



67.5582, 0.3087, 0.3223

Split Complementary

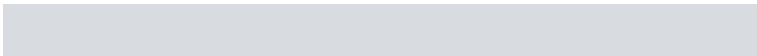
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.2571, 0.3124, 0.3234



71.2571, 0.3167, 0.3356



71.2571, 0.3062, 0.3233

Square

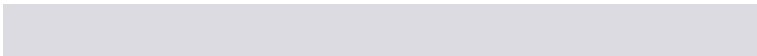
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2571, 0.3167, 0.3356



71.2571, 0.3065, 0.3289



71.2571, 0.3087, 0.3225



71.2571, 0.3190, 0.3291

Rectangle

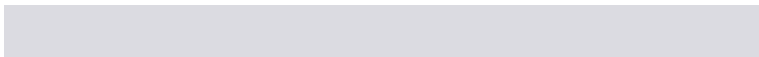
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2571, 0.3167, 0.3356



71.2571, 0.3105, 0.3332



71.2571, 0.3087, 0.3225



71.2571, 0.3149, 0.3249

Sweetspot

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



71.2602, 0.3167, 0.3356



99.8357, 0.3142, 0.3314



68.1643, 0.3171, 0.3290



21.3707, 0.3141, 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.



71.2602, 0.3167, 0.3356



99.5138, 0.3171, 0.3363



70.7977, 0.3146, 0.3356



15.3938, 0.3182, 0.3381



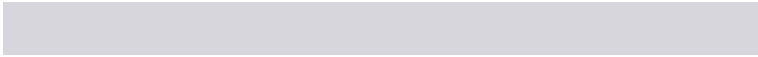
38.9260, 0.4189, 0.5056



2.5223, 0.4190, 0.5055

Inverse Universe

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



67.5582, 0.3087, 0.3223



93.7968, 0.3082, 0.3216



68.0124, 0.3108, 0.3224



14.2951, 0.3071, 0.3197



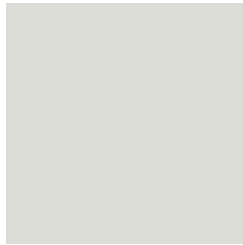
3.0352, 0.1501, 0.0600



0.1971, 0.1503, 0.0602

Previews

White Background



This preview shows how the Yxy color 71.2571, 0.3167, 0.3356 looks on a white background.

Color Contrast Check

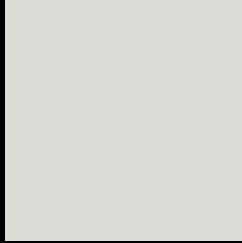
Large Text (above 18pt) WCAG AA × Fail

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 71.2571, 0.3167, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

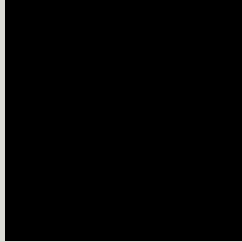
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

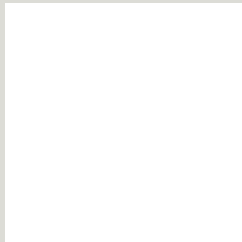
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.2571, 0.3167, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 71.2571, 0.3167, 0.3356.

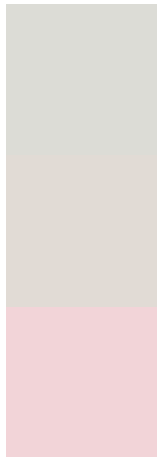


This preview shows how white text looks on a background with the Yxy color 71.2571, 0.3167, 0.3356.

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



Original Color

71.2571, 0.3167, 0.3356

Protanopia

71.4747, 0.3211, 0.3355

Deuteranopia

70.9221, 0.3324, 0.3249



Tritanopia

71.2542, 0.3058, 0.3108

Trichromacy



Original Color

71.2571, 0.3167, 0.3356

Protanomaly

71.1551, 0.3196, 0.3356

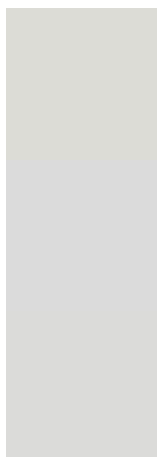
Deuteranomaly

70.9996, 0.3267, 0.3290

Tritanomaly

71.2185, 0.3096, 0.3193

Monochromacy



Original Color

71.2571, 0.3167, 0.3356

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7329, 0.3140, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2571, 0.3167, 0.3356 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(220, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(220, 220, 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(220, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 220, 214) }
```

Border

The CSS property to change the border of an element to Yxy 71.2571, 0.3167, 0.3356 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(220, 220, 214) }
```

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

```
.border{ border-color:rgb(220, 220, 214) }
```

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

Here you see how a box with a 4 pixel rgb(220, 220, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(220, 220,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2571, 0.3167, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 220, 214) }
```

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

```
.background{ background-color: rgb(220,  
220, 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](#).

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