

Converting Colors

$Y_{xy}(71.1319, 0.3158, 0.3339)$

Have a look what the booklet for
Yxy(71.1319, 0.3158, 0.3339)
contains.

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Color

Yxy(71.3083, 0.3160, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	DCDCD7
RGB	220, 220, 215
RGB Percent	86%, 86%, 84%
CMY	0.1374, 0.1372, 0.1568
CMYK	0.00, 0.00, 0.02, 0.14
HSL	61°, 7%, 85%
HSV	61°, 2%, 86%
XYZ	67.3645, 71.3083, 74.5060
YIQ	219.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

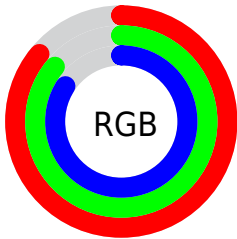
Format	Color
R _Y B	215, 220, 215
Decimal	14474455
CIE Lab	87.63, -0.91, 2.44
CIE LCh	88, 2.602, 110.392
Yxy	71.3083, 0.3160, 0.3345
Android (android.graphics.Color)	4292664535 (0xFFDCDCD7)
YUV	219.4300, -2.1840, 0.4999
Hunter-Lab	84.4442, -5.3810, 6.7988

Details

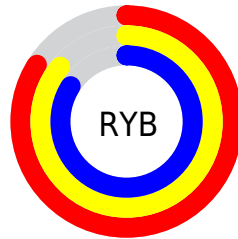
The Yxy color **71.3083, 0.3160, 0.3345** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.2291, 0.3094, 0.3234**, and the grayscale version is **71.1651, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4477, 0.3171, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **70.2132, 0.3307, 0.3592**, and if you desaturate by 10%, it is **72.5617, 0.3019, 0.3108**.

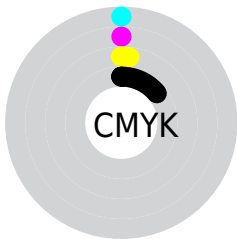
Distribution



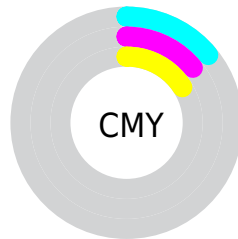
- Red (86%)
- Green (86%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.3083, 0.3160, 0.3345 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 71.3083, 0.3160, 0.3345 by changing the saturation by 10% instead.

■ 71.3083, 0.3160,
0.3345

■ 71.3083, 0.3160,
0.3345

465.1305, 0.3145,
0.3319

■ 52.5938, 0.3163,
0.3351

121.0726, 0.3155,
0.3336

■ 37.4786, 0.3168,
0.3358

152.8912, 0.3153,
0.3333

■ 25.5783, 0.3173,
0.3367

189.8467, 0.3151,
0.3330

■ 16.5084, 0.3181,
0.3380

232.3234, 0.3149,
0.3327

■ 9.8846, 0.3190,
0.3396

280.7057, 0.3148,
0.3325

■ 5.3225, 0.3205,
0.3421

335.3781, 0.3147,

■ 2.4377, 0.3228,

0.3323

0.3460

396.7249, 0.3146,
0.3321

0.8452, 0.3288,
0.3557

0.0000, 0.0000,
0.0000

71.3083, 0.3160,
0.3345

71.3083, 0.3160,
0.3345

70.2132, 0.3307,
0.3592

72.5617, 0.3019,
0.3108

69.2612, 0.3457,
0.3844


73.7090, 0.2909,
0.2925


68.4489, 0.3605,
0.4094

73.7513, 0.2911,
0.2925


67.7694, 0.3746,
0.4332


73.7936, 0.2913,
0.2925

 67.2152, 0.3874,
0.4548


 73.8359, 0.2915,
0.2926

 66.7781, 0.3982,
0.4734

 73.8784, 0.2916,
0.2926

 66.4489, 0.4067,
0.4881

 73.9209, 0.2918,
0.2926

 66.2169, 0.4126,
0.4985

 73.9634, 0.2920,
0.2926

 66.0695, 0.4160,
0.5045

 74.0061, 0.2922,
0.2926

Harmonies

Analogous

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



71.3083, 0.3182, 0.3338



71.3083, 0.3160, 0.3345



71.3083, 0.3129, 0.3337

Triad

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



71.3083, 0.3160, 0.3345



71.3083, 0.3066, 0.3262



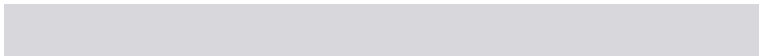
71.3083, 0.3156, 0.3264

Complementary

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



71.3083, 0.3160, 0.3345



68.2291, 0.3094, 0.3234

Split Complementary

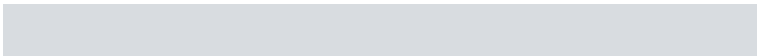
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3083, 0.3125, 0.3244



71.3083, 0.3160, 0.3345



71.3083, 0.3073, 0.3242

Square

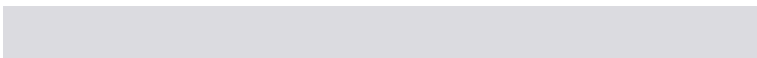
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



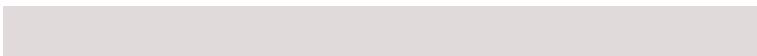
71.3083, 0.3160, 0.3345



71.3083, 0.3075, 0.3289



71.3083, 0.3094, 0.3236



71.3083, 0.3180, 0.3291

Rectangle

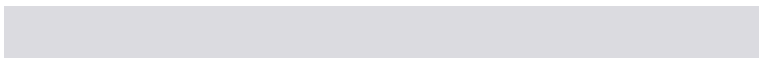
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3083, 0.3160, 0.3345



71.3083, 0.3108, 0.3325



71.3083, 0.3094, 0.3236



71.3083, 0.3146, 0.3256

Sweetspot

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



71.3114, 0.3160, 0.3345



99.8309, 0.3142, 0.3314



68.7287, 0.3164, 0.3290



21.3697, 0.3141, 0.3313



0.0000, 0.0000, 0.0000



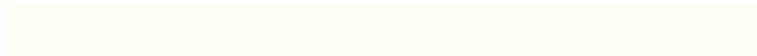
21.4041, 0.3127, 0.3290

Same Dimension

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



71.3114, 0.3160, 0.3345



99.4993, 0.3171, 0.3363



70.9328, 0.3142, 0.3345



15.3910, 0.3182, 0.3381



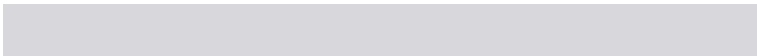
38.7297, 0.4172, 0.5069



2.5118, 0.4176, 0.5066

Inverse Universe

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



68.2291, 0.3094, 0.3234



93.8107, 0.3083, 0.3216



68.6022, 0.3112, 0.3235



14.2977, 0.3072, 0.3197



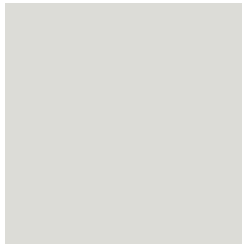
3.0464, 0.1504, 0.0602



0.2001, 0.1517, 0.0609

Previews

White Background



This preview shows how the Yxy color 71.3083, 0.3160, 0.3345 looks on a white background.

Color Contrast Check

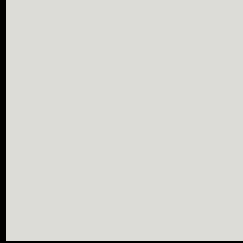
Large Text (above 18pt) WCAG AA × Fail

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 71.3083, 0.3160, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

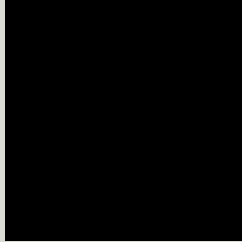
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

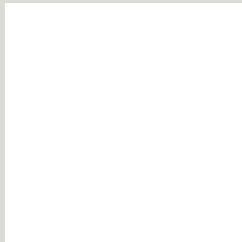
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3083, 0.3160, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 71.3083, 0.3160, 0.3345.

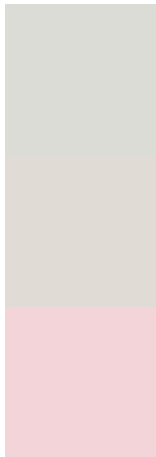


This preview shows how white text looks on a background with the Yxy color 71.3083, 0.3160, 0.3345.

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

71.3083, 0.3160, 0.3345

Protanopia

71.5256, 0.3204, 0.3345

Deuteranopia

70.9740, 0.3316, 0.3238



Tritanopia

71.2542, 0.3058, 0.3108

Trichromacy



Original Color

71.3083, 0.3160, 0.3345

Protanomaly

71.2061, 0.3189, 0.3345

Deuteranomaly

71.0512, 0.3260, 0.3280

Tritanomaly

71.2185, 0.3096, 0.3193

Monochromacy



Original Color

71.3083, 0.3160, 0.3345

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.7851, 0.3134, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3083, 0.3160, 0.3345 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, 215)` looks like.

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

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, 215) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 71.3083, 0.3160, 0.3345 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, 215) }
```

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

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

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, 215) colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 71.3083, 0.3160, 0.3345 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, 215) }
```

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

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

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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