

Converting Colors

$Yxy(71.7478, 0.3131, 0.3367)$

Have a look what the booklet for
Yxy(71.7478, 0.3131, 0.3367)
contains.

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Color

Yxy(71.7478, 0.3131, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	D8DED7
RGB	216, 222, 215
RGB Percent	85%, 87%, 84%
CMY	0.1527, 0.1295, 0.1568
CMYK	0.03, 0.00, 0.03, 0.13
HSL	111°, 10%, 86%
HSV	111°, 3%, 87%
XYZ	66.7188, 71.7478, 74.6245
YIQ	219.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

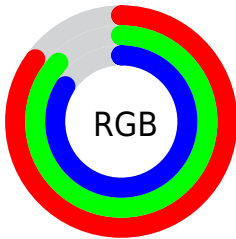
Format	Color
R_{YB}	215, 222, 221
Decimal	14212823
CIE Lab	87.85, -3.25, 2.71
CIE LCh	88, 4.234, 140.167
Yxy	71.7478, 0.3131, 0.3367
Android (android.graphics.Color)	4292402903 (0xFFD8DED7)
YUV	219.4080, -2.1731, -2.9888
Hunter-Lab	84.7041, -7.6331, 7.0582

Details

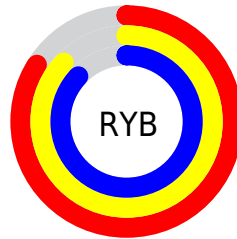
The Yxy color **71.7478, 0.3131, 0.3367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.2387, 0.3123, 0.3214**, and the grayscale version is **71.1600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.7526, 0.3132, 0.3391** is the 20% darker color. If you saturate the color by 10%, you get **67.9766, 0.3142, 0.3632**, and if you desaturate by 10%, it is **76.0093, 0.3118, 0.3133**.

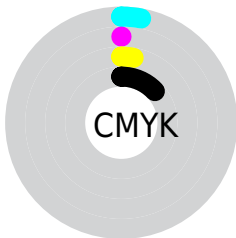
Distribution



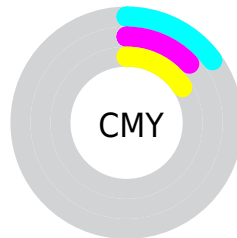
- Red (85%)
- Green (87%)
- Blue (84%)



- Red (84%)
- Yellow (87%)
- Blue (87%)



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



- Cyan (15%)
- Magenta (13%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.7478, 0.3131, 0.3367 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 71.7478, 0.3131, 0.3367 by changing the saturation by 10% instead.

■ 71.7478, 0.3131,
0.3367

■ 71.7478, 0.3131,
0.3367

466.6633, 0.3129,
0.3331

■ 52.9527, 0.3131,
0.3375

121.6979, 0.3130,
0.3354

■ 37.7650, 0.3132,
0.3386

153.6217, 0.3130,
0.3350

■ 25.8003, 0.3132,
0.3399

190.6905, 0.3130,
0.3345

■ 16.6743, 0.3133,
0.3416

233.2886, 0.3130,
0.3342

■ 10.0026, 0.3134,
0.3440

281.8006, 0.3130,
0.3339

■ 5.4007, 0.3135,
0.3475

336.6108, 0.3130,

■ 2.4842, 0.3136,

0.3336

0.3531

398.1036, 0.3129,
0.3333

0.8687, 0.3147,
0.3663

0.0000, 0.0000,
0.0000

71.7478, 0.3131,
0.3367

71.7478, 0.3131,
0.3367

67.9766, 0.3142,
0.3632

76.0093, 0.3118,
0.3133

64.6694, 0.3151,
0.3928

80.4816, 0.3134,
0.2969

61.8107, 0.3156,
0.4251

80.7165, 0.3142,
0.2970

59.3813, 0.3157,
0.4592

■ 57.3600, 0.3151,
0.4936

■ 55.7241, 0.3137,
0.5262

■ 54.4486, 0.3116,
0.5547

■ 53.5055, 0.3089,
0.5768

■ 52.8621, 0.3058,
0.5911

Harmonies

Analogous

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



71.7478, 0.3181, 0.3379



71.7478, 0.3131, 0.3367



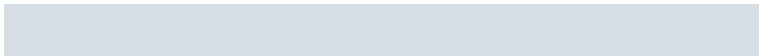
71.7478, 0.3081, 0.3334

Triad

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



71.7478, 0.3131, 0.3367



71.7478, 0.3039, 0.3213



71.7478, 0.3212, 0.3291

Complementary

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



71.7478, 0.3131, 0.3367



69.2387, 0.3123, 0.3214

Split Complementary

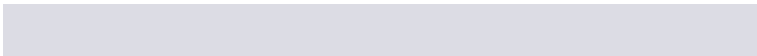
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.7478, 0.3174, 0.3247



71.7478, 0.3131, 0.3367



71.7478, 0.3074, 0.3202

Square

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



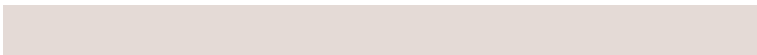
71.7478, 0.3131, 0.3367



71.7478, 0.3028, 0.3244



71.7478, 0.3123, 0.3215



71.7478, 0.3228, 0.3335

Rectangle

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



71.7478, 0.3131, 0.3367



71.7478, 0.3053, 0.3304



71.7478, 0.3123, 0.3215



71.7478, 0.3202, 0.3276

Sweetspot

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



71.7509, 0.3131, 0.3367



99.4285, 0.3128, 0.3314



72.0547, 0.3174, 0.3354



21.2878, 0.3128, 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.



71.7509, 0.3131, 0.3367



97.7546, 0.3132, 0.3389



71.7114, 0.3108, 0.3341



15.8384, 0.3133, 0.3407



31.2580, 0.3045, 0.5965



2.1981, 0.3130, 0.5896

Inverse Universe

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



69.2387, 0.3123, 0.3214



93.3731, 0.3122, 0.3192



69.2806, 0.3146, 0.3239



15.0069, 0.3121, 0.3175



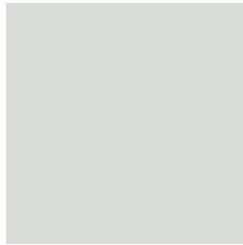
9.5601, 0.2832, 0.1334



0.6914, 0.2893, 0.1368

Previews

White Background



This preview shows how the Yxy color 71.7478, 0.3131, 0.3367 looks on a white background.

Color Contrast Check

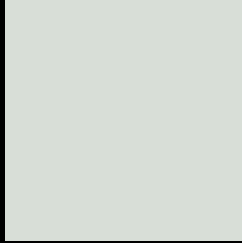
Large Text (above 18pt) WCAG AA × Fail

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 71.7478, 0.3131, 0.3367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

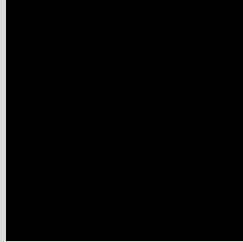
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

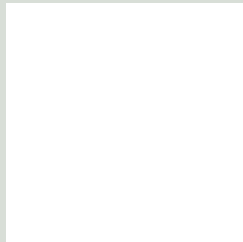
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7478, 0.3131, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 71.7478, 0.3131, 0.3367.

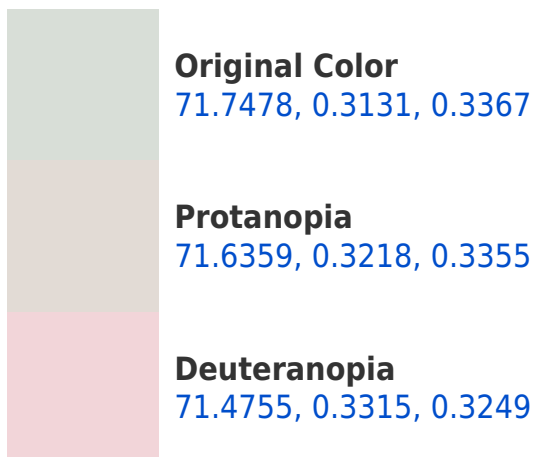


This preview shows how white text looks on a background with the Yxy color 71.7478, 0.3131, 0.3367.

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

71.7792, 0.3017, 0.3107

Trichromacy



Original Color

71.7478, 0.3131, 0.3367

Protanomaly

71.5710, 0.3181, 0.3356

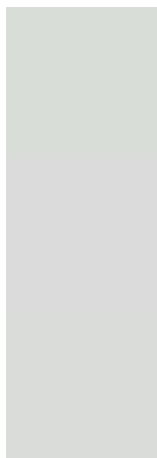
Deuteranomaly

71.3932, 0.3252, 0.3290

Tritanomaly

71.6933, 0.3061, 0.3203

Monochromacy



Original Color

71.7478, 0.3131, 0.3367

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.1538, 0.3126, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7478, 0.3131, 0.3367 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(216, 222, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 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(216, 222, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 215) }
```

Border

The CSS property to change the border of an element to Yxy 71.7478, 0.3131, 0.3367 is called "border". The border property can be set on classes, ids or directly on the HTML element.

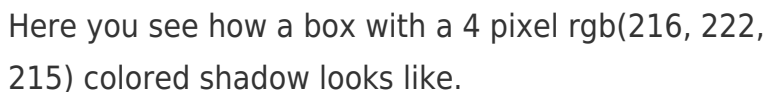
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 222, 215) }
```

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

```
.border{ border-color:rgb(216, 222, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 222, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 215); box-shadow:4px 4px 4px 4px rgb(216, 222, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7478, 0.3131, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 222, 215) }
```

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

```
.background{ background-color: rgb(216,  
222, 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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