

Converting Colors

$Yxy(71.2483, 0.3173, 0.3434)$

Have a look what the booklet for
Yxy(71.2483, 0.3173, 0.3434)
contains.

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Color

Yxy(71.4449, 0.3170, 0.3434)

Conversions

Conversions Part 1

Format	Color
Hex	D8DED1
RGB	216, 222, 209
RGB Percent	85%, 87%, 82%
CMY	0.1529, 0.1294, 0.1803
CMYK	0.03, 0.00, 0.06, 0.13
HSL	88°, 16%, 85%
HSV	88°, 6%, 87%
XYZ	65.9523, 71.4449, 70.6543
YIQ	218.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

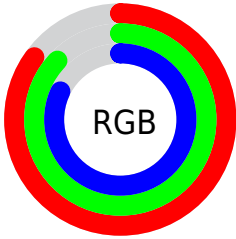
Format	Color
R_{YB}	209, 222, 215
Decimal	14212817
CIE Lab	87.70, -4.33, 5.64
CIE LCh	88, 7.113, 127.487
Yxy	71.4449, 0.3170, 0.3434
Android (android.graphics.Color)	4292402897 (0xFFD8DED1)
YUV	218.7240, -4.7939, -2.3889
Hunter-Lab	84.5251, -8.6408, 9.6072

Details

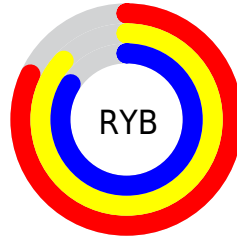
The Yxy color **71.4449, 0.3170, 0.3434** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.3409, 0.3082, 0.3146**, and the grayscale version is **70.6740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5811, 0.3175, 0.3465** is the 20% darker color. If you saturate the color by 10%, you get **68.9087, 0.3243, 0.3697**, and if you desaturate by 10%, it is **74.2381, 0.3097, 0.3192**.

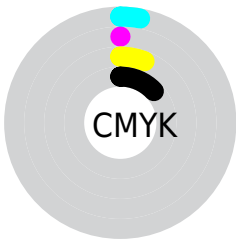
Distribution



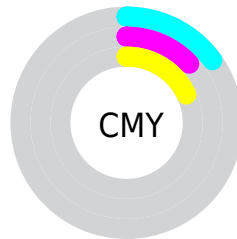
- Red (85%)
- Green (87%)
- Blue (82%)



- Red (82%)
- Yellow (87%)
- Blue (84%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4449, 0.3170, 0.3434 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 71.4449, 0.3170, 0.3434 by changing the saturation by 10% instead.

■ 71.4449, 0.3170,
0.3434

■ 71.4449, 0.3170,
0.3434

465.6072, 0.3150,
0.3367

■ 52.7053, 0.3174,
0.3450

121.2670, 0.3163,
0.3410

■ 37.5676, 0.3180,
0.3469

153.1183, 0.3161,
0.3401

■ 25.6473, 0.3187,
0.3494

190.1090, 0.3158,
0.3394

■ 16.5599, 0.3196,
0.3527

232.6235, 0.3156,
0.3387

■ 9.9212, 0.3208,
0.3572

281.0462, 0.3155,
0.3381

■ 5.3468, 0.3225,
0.3638

335.7614, 0.3153,

■ 2.4521, 0.3252,

0.3376

0.3746

397.1536, 0.3152,
0.3371

0.8525, 0.3370,
0.4078

0.0000, 0.0000,
0.0000

71.4449, 0.3170,
0.3434

71.4449, 0.3170,
0.3434

68.9087, 0.3243,
0.3697

74.2381, 0.3097,
0.3192

66.6123, 0.3314,
0.3977

77.2868, 0.3026,
0.2972

64.5502, 0.3380,
0.4270

79.2004, 0.3086,
0.2964

62.7132, 0.3436,
0.4565

80.7234, 0.3142,
0.2970

■ 61.0915, 0.3477,
0.4852

■ 59.6744, 0.3499,
0.5115

■ 58.4499, 0.3500,
0.5340

■ 57.4043, 0.3477,
0.5515

■ 56.5213, 0.3432,
0.5635

Harmonies

Analogous

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



71.4449, 0.3246, 0.3437



71.4449, 0.3170, 0.3434



71.4449, 0.3083, 0.3391

Triad

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



71.4449, 0.3170, 0.3434



71.4449, 0.2966, 0.3178



71.4449, 0.3247, 0.3259

Complementary

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



71.4449, 0.3170, 0.3434



65.3409, 0.3082, 0.3146

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.



71.4449, 0.3170, 0.3192



71.4449, 0.3170, 0.3434



71.4449, 0.3008, 0.3145

Square

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



71.4449, 0.3170, 0.3434



71.4449, 0.2966, 0.3242



71.4449, 0.3083, 0.3151



71.4449, 0.3291, 0.3335

Rectangle

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



71.4449, 0.3170, 0.3434



71.4449, 0.3031, 0.3346



71.4449, 0.3083, 0.3151



71.4449, 0.3224, 0.3235

Sweetspot

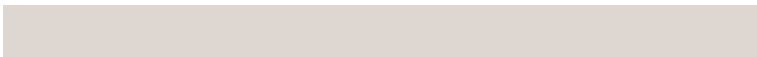
The Sweet Spot groups the original color and five complimentary colors.



71.4480, 0.3170, 0.3434



99.2314, 0.3142, 0.3339



68.6681, 0.3220, 0.3355



21.2477, 0.3141, 0.3336



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.



71.4480, 0.3170, 0.3434



97.3715, 0.3179, 0.3465



70.5029, 0.3125, 0.3436



15.8076, 0.3183, 0.3478



33.4428, 0.3421, 0.5666



2.3712, 0.3534, 0.5576

Inverse Universe

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



65.3409, 0.3082, 0.3146



87.3602, 0.3073, 0.3115



66.3174, 0.3129, 0.3148



14.0685, 0.3068, 0.3102



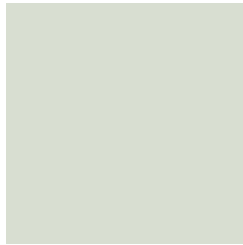
4.8973, 0.1956, 0.0851



0.3923, 0.2127, 0.0945

Previews

White Background



This preview shows how the Yxy color 71.4449, 0.3170, 0.3434 looks on a white background.

Color Contrast Check

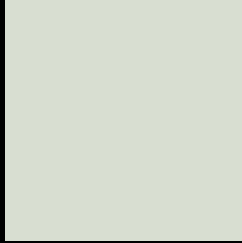
Large Text (above 18pt) WCAG AA × Fail

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 71.4449, 0.3170, 0.3434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

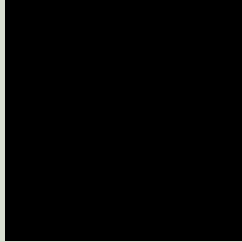
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

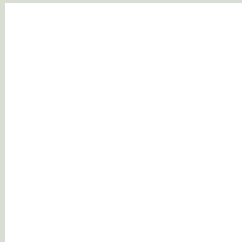
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4449, 0.3170, 0.3434

Background



This preview shows how black text looks on a background with the Yxy color 71.4449, 0.3170, 0.3434.



This preview shows how white text looks on a background with the Yxy color 71.4449, 0.3170, 0.3434.

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

71.4449, 0.3170, 0.3434

Protanopia

71.4989, 0.3267, 0.3421

Deuteranopia

71.0232, 0.3375, 0.3301



Tritanopia

71.3566, 0.3030, 0.3107

Trichromacy



Original Color

71.4449, 0.3170, 0.3434

Protanomaly

71.4284, 0.3229, 0.3422

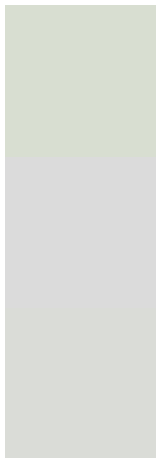
Deuteranomaly

71.2573, 0.3301, 0.3355

Tritanomaly

71.2141, 0.3081, 0.3214

Monochromacy



Original Color

71.4449, 0.3170, 0.3434

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.9981, 0.3146, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4449, 0.3170, 0.3434 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, 209)` looks like.

```
.text, #text, p{  
    color:rgb(216, 222, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 222, 209) }
```

Border

The CSS property to change the border of an element to Yxy 71.4449, 0.3170, 0.3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

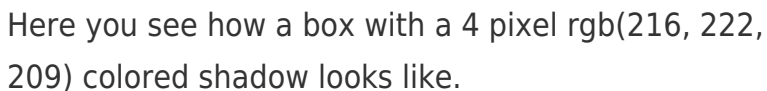
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 222, 209) }
```

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

```
.border{ border-color:rgb(216, 222, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 222, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 222, 209); box-shadow:4px 4px 4px 4px rgb(216, 222, 209) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4449, 0.3170, 0.3434 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, 209) }
```

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

```
.background{ background-color: rgb(216,  
222, 209) }
```

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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